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FEDERAL AID PRIMARY SYSTEM

STATE DOCUMENTS
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NEEDS
STUDY

1974 - 1994

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Federal aid primary system needs study,
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PREPARED BY THE

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU

IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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FOREWORD

This report contains the results of a highway needs study of the Federal-aid primary system that was conducted for us during 1973 by the consulting firm of Menasco, McGuinn and Associates. Construction needs to bring the primary system up to present standards were estimated on a section by section basis based upon present design standards and average bid prices for 1972. Depending upon existing conditions, improvements on each section of highway were based upon complete reconstruction, major widening including surfacing, or resurfacing only. Proposed construction was scheduled for five year increments during a twenty year period from 1974 to 1994.

As indicated in this report, approximately 4,322 miles of rural primary highways and 141 miles of primary extensions in incorporated cities will require some type of construction or reconstruction during the next twenty years. The combined total of both municipal and rural mileage requiring reconstruction amounts to approximately 85 percent of the total primary mileage. As shown in the Summary Table on Page iii, approximately 1,494 miles of primary highway are scheduled for complete reconstruction during the next twenty years at a total cost of $445,559,000. Approximately 1,400 miles of primary highways are scheduled for major widening including surfacing at a total estimated cost of $177,908,000 and 1,426 miles are scheduled for resurfacing only at a total cost of $60,274,000. The total estimated cost of all needed improvements on 4,322 miles of rural primary highways during the next twenty years is $683,741,000. In addition to roadway costs, it was also estimated that it will require approximately $66,277,000 to either widen or replace deficient structures on the rural primary system during the same period. The total cost of all needed improvements on the rural primary system, including structures, is estimated at $750,018,000.

The cost of needed improvements on the urban extensions of the primary system through incorporated cities as detailed on Page iv, is estimated at $63,180,000. Complete reconstruction would be required on 81 miles at an approximate cost of $41,431,000. Major widening including surfacing on 28 miles is estimated to cost $7,581,000 and resurfacing of 32 miles is estimated at $3,304,000. Major structure costs within incorporated cities were estimated at $10,864,000.

The results of this study indicate there are approximately 4,462 miles of primary highways in both rural and urban areas that will require either total construction or reconstruction within the next twenty years at a total cost of approximately $813,198,000 based on 1972 construction prices.

Due to lack of financing, our construction program on the primary system has not been adequate to meet total needs during past years and as a result, a backlog of needs have accumulated. This study indicates that if finances were available, improvements on approximately 2,952 miles of primary highways should be implemented immediately at an estimated cost of $681,991,000. These immediate needs on the primary system amount to about 67 percent of the mileage requiring improvement and 84 percent of the total estimated cost.

The estimated cost and type of improvement for each section of highway has been added to the 1973 sufficiency ratings and are shown on sketch maps of each route. Summaries of the cost estimates for each Federal-aid route are included with the route details.

SUMMARY ALL RURAL F.A. PRIMARY ROUTES

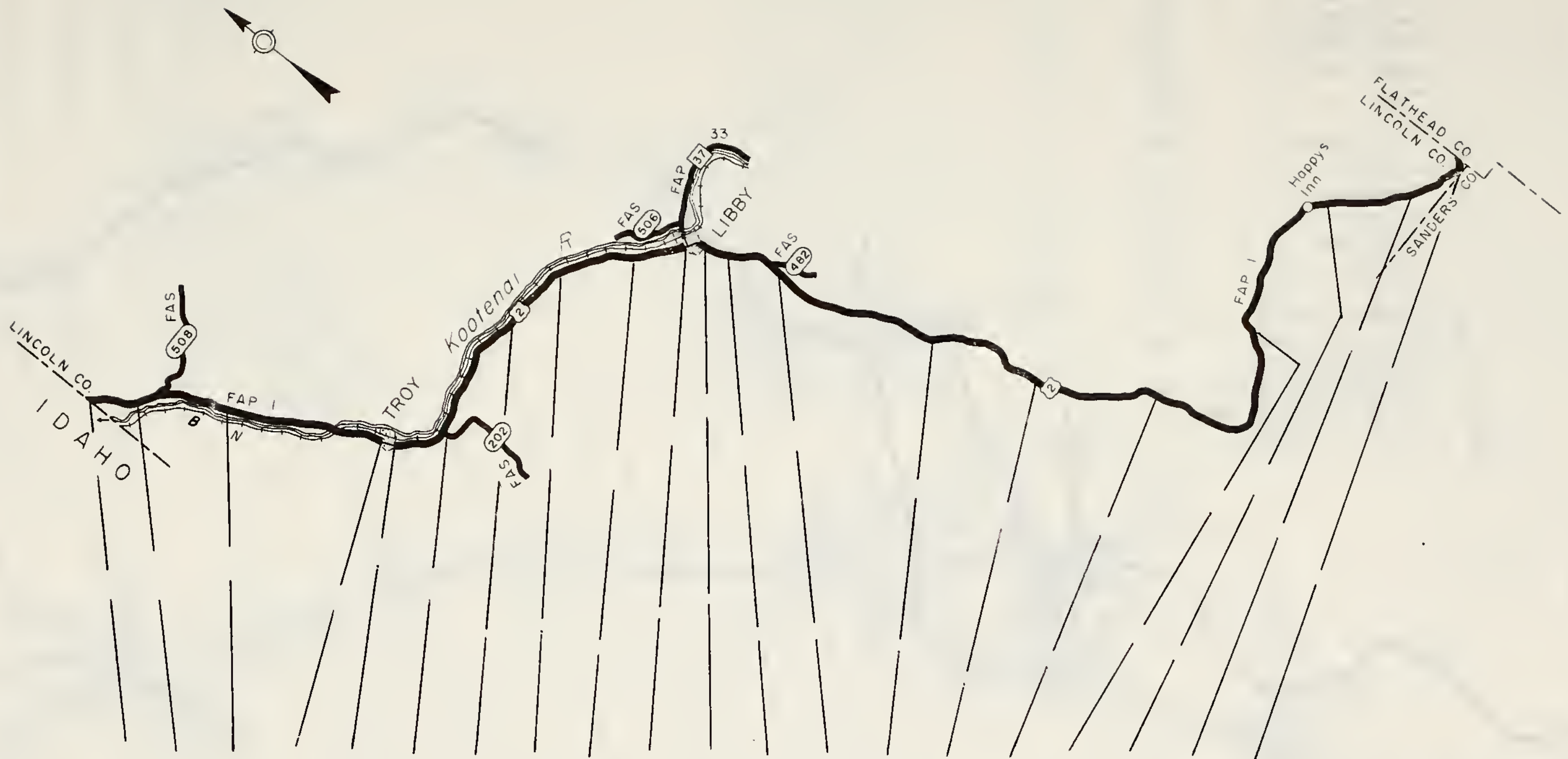
Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	264,848	2,012		3,248	3,569	273,677
		MILES	1,095.9	14.4		8.1	21.7	1,140.1
	3	COST	1,877					1,877
		MILES	2.3					2.3
	4	COST	135,973	11,155	7,363	11,080	4,434	170,005
		MILES	263.9	27.2	19.8	31.6	9.5	352.0
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	402,698	13,167	7,363	14,328	8,003	445,559
		MILES	1,362.1	41.6	19.8	39.7	31.2	1,494.4
MAJOR WIDENING	2 W	COST	173,015	1,923	2,327		643	177,908
		MILES	1,366.9	16.1	17.2		0.7	1,400.9
RESURFACING	2	COST	6,995	17,638	22,194	10,275	1,452	58,554
		MILES	154.7	421.7	544.2	242.9	36.5	1,400.0
	3	COST		50	319	73		442
		MILES		.6	6.0	2.1		8.7
	4	COST		217	252	809		1,278
		MILES		3.7	4.7	9.3		17.7
SUB-TOTAL RESURFACING		COST	6,995	17,905	22,765	11,157	1,452	60,274
		MILES	154.7	426.0	554.9	254.3	36.5	1,426.4
TOTAL ROADWAY		COST	582,708	32,995	32,455	25,485	10,098	683,741
		MILES	2,883.7	483.7	591.9	294.0	68.4	4,321.7
STRUCTURES	2	COST	46,549	1,757	1,796	33	283	50,418
	4	COST	14,520	156	396	752	35	15,859
TOTAL STRUCTURES		COST	61,069	1,913	2,192	785	318	66,277
GRAND TOTAL		COST	643,777	34,908	34,647	26,270	10,416	750,018
		MILES	2,883.7	483.7	591.9	294.0	68.4	4,321.7

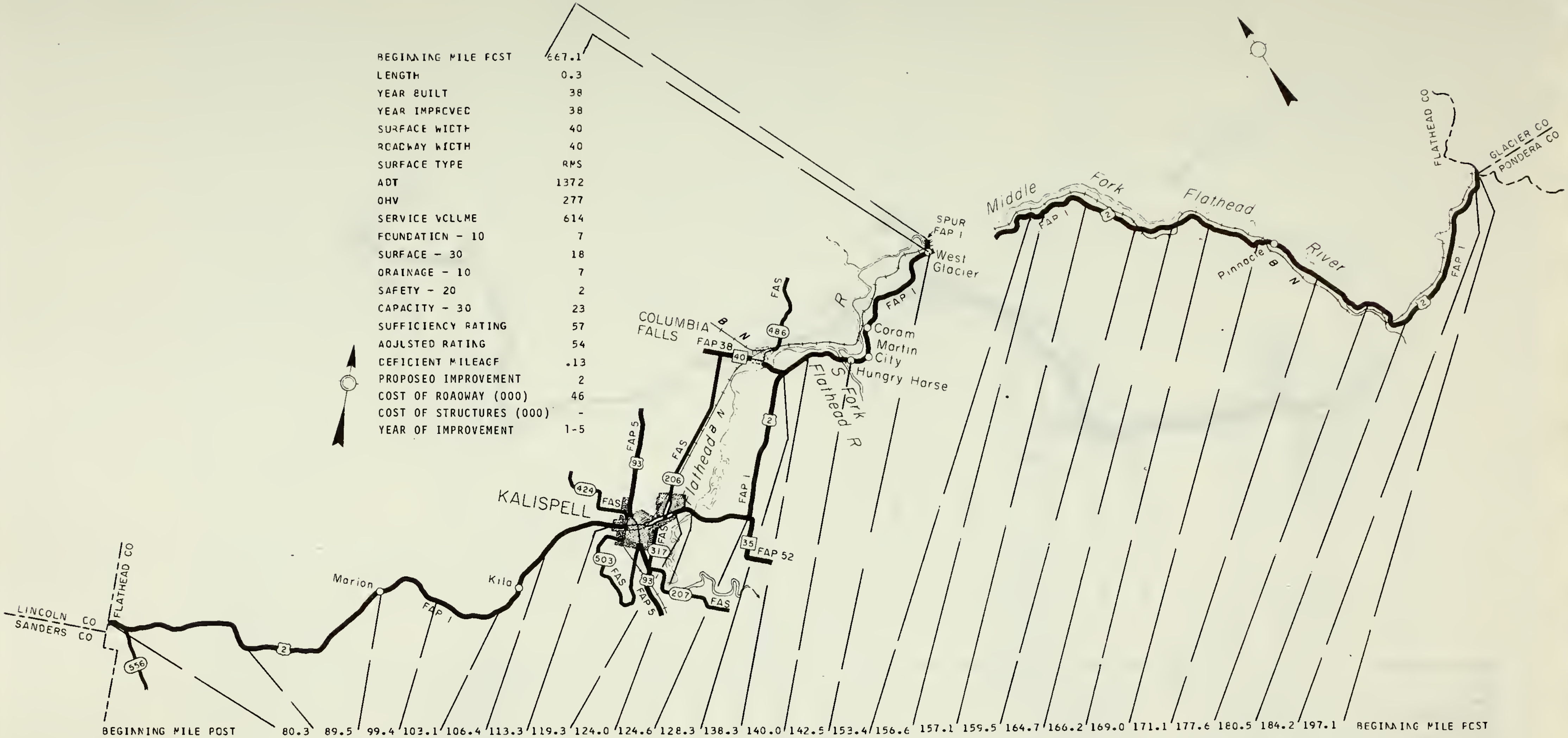
SUMMARY ALL URBAN F.A. PRIMARY ROUTES
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	6,866	2,486	976	326	286	10,940
		MILES	16.2	8.7	5.2	1.4	1.7	33.2
	3	COST						
		MILES						
	4	COST	15,851	12,001	751	1,568	320	30,491
		MILES	19.1	22.7	1.5	3.4	0.7	47.4
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	22,717	14,487	1,727	1,894	606	41,431
		MILES	35.3	31.4	6.7	4.8	2.4	80.6
MAJOR WIDENING	2 W	COST	7,363	218				7,581
		MILES	27.4	1.0				28.4
RESURFACING	2	COST	490	898	105	51	933	2,477
		MILES	3.7	7.5	2.3	.5	10.5	24.5
	3	COST		7				7
		MILES		0.1				0.1
	4	COST	30	581	153	56		820
		MILES	0.3	4.2	2.2	0.8		7.5
SUB-TOTAL RESURFACING		COST	520	1,486	258	107	933	3,304
		MILES	4.0	11.8	4.5	1.3	10.5	32.1
TOTAL ROADWAY		COST	30,600	16,191	1,985	2,001	1,539	52,316
		MILES	66.7	44.2	11.2	6.1	12.9	141.1
STRUCTURES	2	COST	898	125	1,385	248		2,656
	4	COST	6,716	1,492	0	0		8,208
TOTAL STRUCTURES		COST	7,614	1,617	1,385	248		10,864
GRAND TOTAL		COST	38,214	17,808	3,370	2,249	1,539	63,180
		MILES	67.6	44.2	11.2	6.1	12.9	141.1



BEGINNING MILE POST	0.0	2.6	6.9	13.9	15.2	16.9	21.5	25.4	29.8	31.8	32.7	33.3	35.7	44.2	49.2	56.1	64.8	71.5	78.2	BEGINNING MILE POST
LENGTH	2.6	4.3	6.9	1.3	1.6	4.5	3.9	4.4	2.0	0.8	0.5	2.3	8.5	5.0	6.8	8.6	6.7	6.6	2.1	LENGTH
YEAR BUILT	54	49	49	U	37	34	37	38	71	U	71	35	36	36	35	38	41	37	37	YEAR BUILT
YEAR IMPROVED	55	51	51	R	38	38	70	62	71	R	71	70	61	65	39	50	43	53	53	YEAR IMPROVED
SURFACE WIDTH	24	22	22	B	20	20	24	24	68	B	68	24	24	20	20	20	20	22	22	SURFACE WIDTH
ROADWAY WIDTH	30	28	28	A	24	24	25	24	68	A	68	32	24	24	24	26	24	24	24	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	PMS	N	RMS	RMS	RMS	RMS	PMS	N	PMS	RMS	RMS	RMS	RMS	RMS	RMS	RMS	RMS	SURFACE TYPE
ADT	1020	1024	1380		1998	1555	1772	1967	4398		7328	3528	1378	945	935	911	769	833	918	ADT
OHV	132	133	179		259	202	230	255	571		879	458	179	122	121	118	99	108	119	OHV
SERVICE VOLUME	323	338	400		365	448	275	530	1760		1720	352	312	159	425	278	234	272	225	SERVICE VOLUME
FOUNDATION - 10	4	4	3		0	0	0	0	9		9	0	0	0	0	0	0	0	0	FOUNDATION - 10
SURFACE - 30	18	18	15		12	9	11	9	24		25	12	12	13	8	11	13	15	11	SURFACE - 30
DRAINAGE - 10	9	8	8		5	3	4	3	10		10	7	7	7	4	6	7	5	6	DRAINAGE - 10
SAFETY - 20	3	2	3		2	2	3	1	4		20	1	2	3	2	5	1	1	14	SAFETY - 20
CAPACITY - 30	24	24	23		19	23	17	23	25		22	10	21	18	26	24	24	24	22	CAPACITY - 30
SUFFICIENCY RATING	58	56	52		38	37	35	36	72		86	30	42	41	40	46	45	45	53	SUFFICIENCY RATING
ADJUSTED RATING	57	55	49		32	33	30	30	62		78	21	39	40	39	46	46	45	53	ADJUSTED RATING
DEFICIENT MILEAGE	1.10	1.91	3.34		1.02	2.86	2.55	2.83	.57		.07	1.67	4.95	2.95	4.12	4.68	3.71	3.65	1.00	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2W	2	2W	2	2	2	2	4	Surf	Surf	Surf	3	2	2W	2W	2W	2W	2W	2	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	403	1728	1170	378	572	1548	1312	1495	140	56	35	1877	1550	939	1296	1544	2671	1240	825	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	217	1545	193	181	-	-	70	-	-		-	39	253	-	210	78	39	-	COST OF STRUCTURES (000)
YEAR OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	11-15	11-15	11-15	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	YEAR OF IMPROVEMENT

FAP ROUTE NO 1
SHEET 1 OF 7



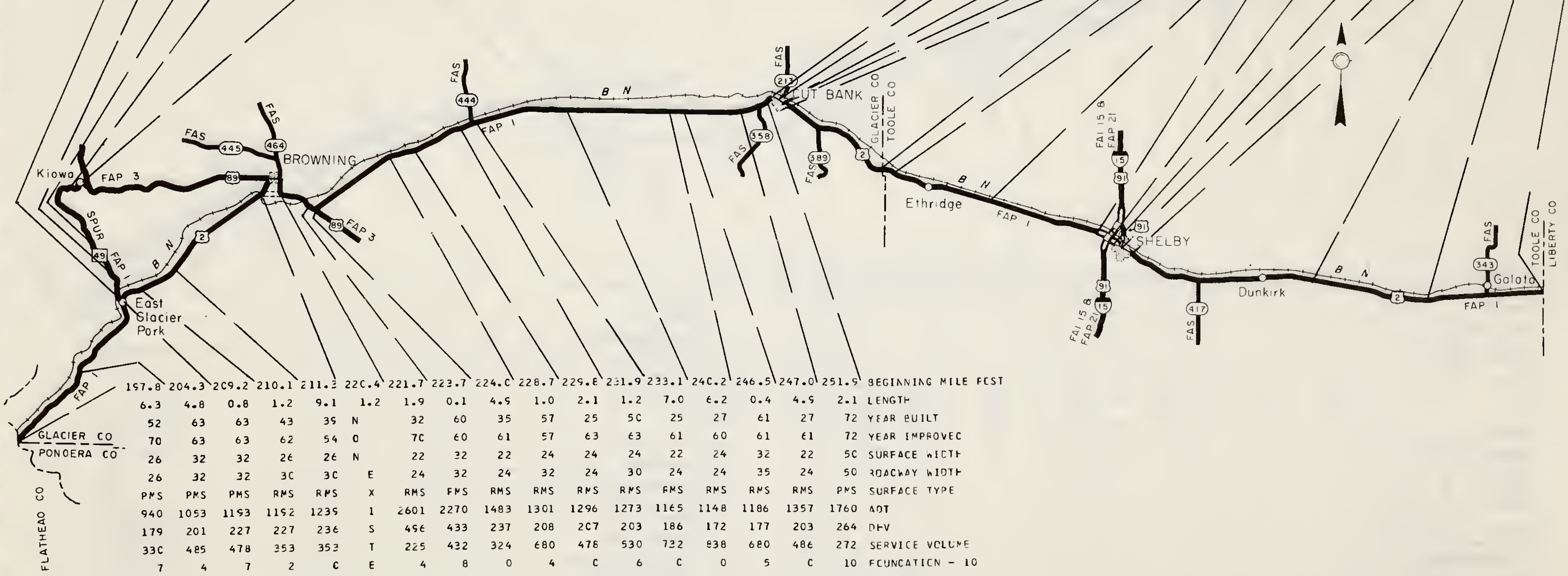
BEGINNING MILE POST	667.1
LENGTH	0.3
YEAR BUILT	38
YEAR IMPROVED	38
SURFACE WIDTH	40
ROADWAY WIDTH	40
SURFACE TYPE	RMS
ADT	1372
DHV	277
SERVICE VOLUME	614
FOUNDATION - 10	7
SURFACE - 30	18
DRAINAGE - 10	7
SAFETY - 20	2
CAPACITY - 30	23
SUFFICIENCY RATING	57
ADJUSTED RATING	54
DEFICIENT MILEAGE	.13
PROPOSED IMPROVEMENT	2
COST OF ROADWAY (000)	46
COST OF STRUCTURES (000)	-
YEAR OF IMPROVEMENT	1-5

BEGINNING MILE POST	80.3	89.5	99.4	103.1	106.4	113.3	119.3	124.0	124.6	128.3	138.3	140.0	142.5	153.4	156.6	157.1	159.5	164.7	166.2	169.0	171.1	177.6	180.5	184.2	197.1	BEGINNING MILE POST
LENGTH	9.1	9.8	3.7	3.2	6.8	5.9	4.8	0.5	3.6	10.0	1.7	2.4	10.8	3.2	0.5	2.3	5.2	1.5	2.8	2.1	6.4	2.8	3.6	12.2	0.6	LENGTH
YEAR BUILT	52	36	47	40	49	49	U	67	40	34	34	29	31	48	65	48	49	49	49	61	66	69	33	67	52	YEAR BUILT
YEAR IMPROVED	52	61	62	63	63	51	R	67	64	51	66	65	34	49	65	49	59	59	59	61	66	69	35	67	70	YEAR IMPROVED
SURFACE WIDTH	28	24	24	24	24	24	B	44	24	22	24	24	20	24	24	24	26	26	26	32	32	34	18	32	26	SURFACE WIDTH
ROADWAY WIDTH	28	25	30	24	27	31	A	44	30	24	30	24	24	28	28	28	26	26	26	34	32	34	20	32	26	ROADWAY WIDTH
SURFACE TYPE	RMS	RMS	RMS	RMS	RMS	RMS	N	PMS	RMS	RMS	RMS	RMS	RMS	PMS	RMS	PMS	PMS	PMS	PMS	BST	PMS	PMS	RMS	PMS	PMS	SURFACE TYPE
ADT	938	961	1131	1205	1312	2069		6459	4265	2114	3763	3645	2196	892	885	879	865	852	844	835	819	817	832	843	856	ADT
DHV	121	124	147	156	170	271		904	682	403	718	696	419	170	169	167	165	162	161	159	156	156	158	161	163	DHV
SERVICE VOLUME	212	249	292	249	198	481		752	327	435	365	556	415	129	378	154	357	398	384	428	428	456	199	575	324	SERVICE VOLUME
FOUNDATION - 10	0	0	0	0	0	3		9	4	0	0	5	0	7	8	6	5	6	5	5	7	10	0	9	9	FOUNDATION - 10
SURFACE - 30	13	13	13	12	14	14		27	14	12	13	17	13	19	24	18	19	21	19	19	24	27	10	25	28	SURFACE - 30
DRAINAGE - 10	7	6	7	8	8	8		10	8	8	8	10	5	7	10	7	8	10	10	10	10	10	3	10	10	DRAINAGE - 10
SAFETY - 20	3	2	5	4	3	3		5	3	3	4	1	1	1	0	16	9	3	1	20	8	20	0	3	0	SAFETY - 20
CAPACITY - 30	21	23	22	21	17	22		12	0	16	0	11	15	10	23	14	23	24	24	24	25	25	18	26	22	CAPACITY - 30
SUFFICIENCY RATING	44	44	47	45	42	50		63	29	39	25	44	34	44	65	61	64	64	59	78	74	92	31	73	69	SUFFICIENCY RATING
ADJUSTED RATING	43	43	45	43	39	44		49	19	33	17	34	28	44	65	61	64	64	59	78	74	92	31	73	69	ADJUSTED RATING
DEFICIENT MILEAGE	5.13	5.51	2.00	1.79	3.99	2.59		.20	2.58	6.13	1.27	1.36	7.18	1.79	.18	.91	1.87	.54	1.16	.46	1.67	.23	2.50	3.30	.19	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	2	2	2	2	2	4	SURF	4	4	4	4	4	2W	2	2	2W	2W	2	SURF	SURF	SURF	2	SURF	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	3098	3300	1280	1111	2324	803	1681	35	1646	4619	997	1495	6795	498	197	942	916	249	1099	89	224	144	1413	489	124	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	39	-	-	78	85	-	-	-	2577	-	-	1451	40	-	-	-	119	-	-	-	-	-	191	-	-	COST OF STRUCTURES (000)
YEAR OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	1-5	6-10	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	6-10	1-5	NOW	1-5	NOW	YEAR OF IMPROVEMENT

FAP ROUTE NO 1
& W GLACIER SPUR
SHEET 2 OF 7

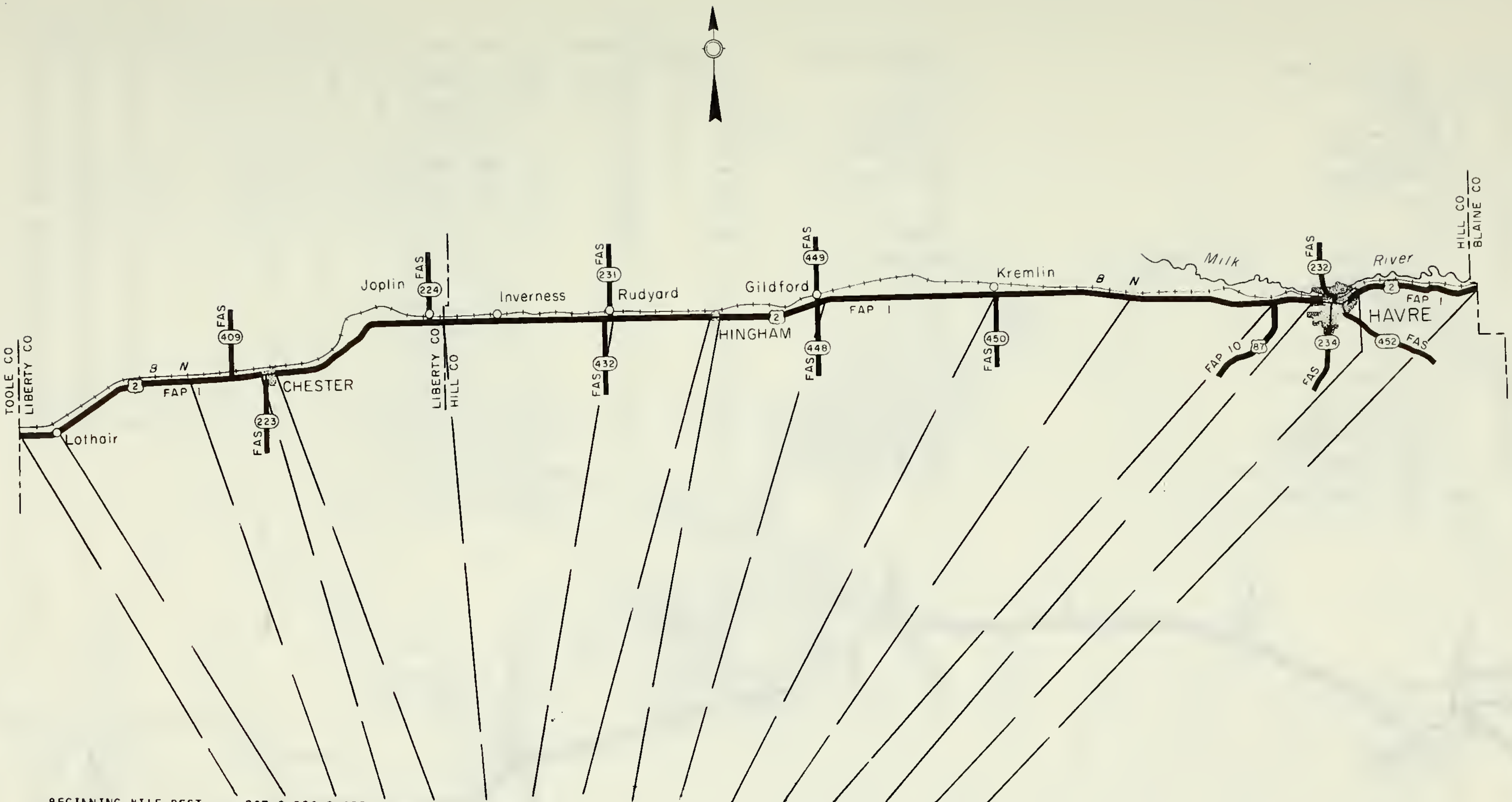
667.4	669.5	670.2	678.9	BEGINNING MILE POST
2.2	0.6	8.7	0.2	LENGTH
29	29	29	29	YEAR BUILT
72	72	72	72	YEAR IMPROVED
24	24	24	20	SURFACE WIDTH
24	24	24	20	ROADWAY WIDTH
PMS	PMS	PMS	FMS	SURFACE TYPE
662	601	402	211	ADT
133	121	81	42	DHV
728	611	728	377	SERVICE VOLUME
7	8	7	0	FOUNDATION - 10
28	28	28	8	SURFACE - 30
5	10	5	4	DRAINAGE - 10
1	3	0	0	SAFETY - 20
27	27	28	28	CAPACITY - 30
68	76	68	40	SUFFICIENCY RATING
70	78	73	50	ADJUSTED RATING
.73	.14	2.80	.12	DEFICIENT MILEAGE
NONE	NONE	NONE	2	PROPOSED IMPROVEMENT
			50	COST OF ROADWAY (000)
			-	COST OF STRUCTURES (000)
			NOW	YEAR OF IMPROVEMENT

BEGINNING MILE POST	254.1	254.5	254.6	254.8	256.0	262.8	263.1	271.0	278.0	278.4	278.8	279.2	280.1	291.7	299.7
LENGTH	0.4	0.1	0.2	1.1	6.8	0.2	7.4	7.0	0.3	0.3	0.4	0.8	11.6	8.0	7.2
YEAR BUILT	55	U	55	U	67	67	65	53	60	60	56	U	54	56	57
YEAR IMPROVED	55	R	55	R	67	67	65	66	60	60	56	R	59	59	62
SURFACE WIDTH	24	B	42	B	40	40	32	32	60	60	60	B	32	32	32
ROADWAY WIDTH	31	A	42	A	40	40	32	32	60	60	60	A	32	32	32
SURFACE TYPE	PMS	N	PMS	N	PMS	PMS	PMS	RMS	PMS	PMS	PMS	N	FMS	PMS	PMS
ADT	2228		3270		1530	1250	1131	1190	1298	2880	2880		1153	907	775
DHV	267		352		229	187	169	178	194	403	403		149	117	100
SERVICE VOLUME	280		817		244	296	666	503	3440	3440	1720		569	599	569
FOUNDATION - 10	5		5		8	6	10	4	4	3	3		4	3	3
SURFACE - 30	17		17		23	23	24	17	16	13	14		19	20	19
DRAINAGE - 10	10		10		10	10	10	10	10	10	9		10	10	10
SAFETY - 20	2		20		7	20	5	10	0	20	20		9	8	15
CAPACITY - 30	16		23		16	21	26	25	29	28	26		26	27	27
SUFFICIENCY RATING	50		75		64	82	75	66	59	74	72		68	68	74
ADJUSTED RATING	43		68		60	80	73	64	56	67	65		66	68	74
DEFICIENT MILEAGE	.20		.05		2.45	.04	1.87	2.40	.15	.09	.12		3.72	2.56	1.88
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF
COST OF ROADWAY (000)	36	7	14	77	240	7	258	271	27	27	43	73	448	309	250
COST OF STRUCTURES (000)	325	-	-	-	-	-	-	-	-	-	-	-	-	-	162
YEAR OF IMPROVEMENT	1-5	1-5	1-5	1-5	11-15	11-15	11-15	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5



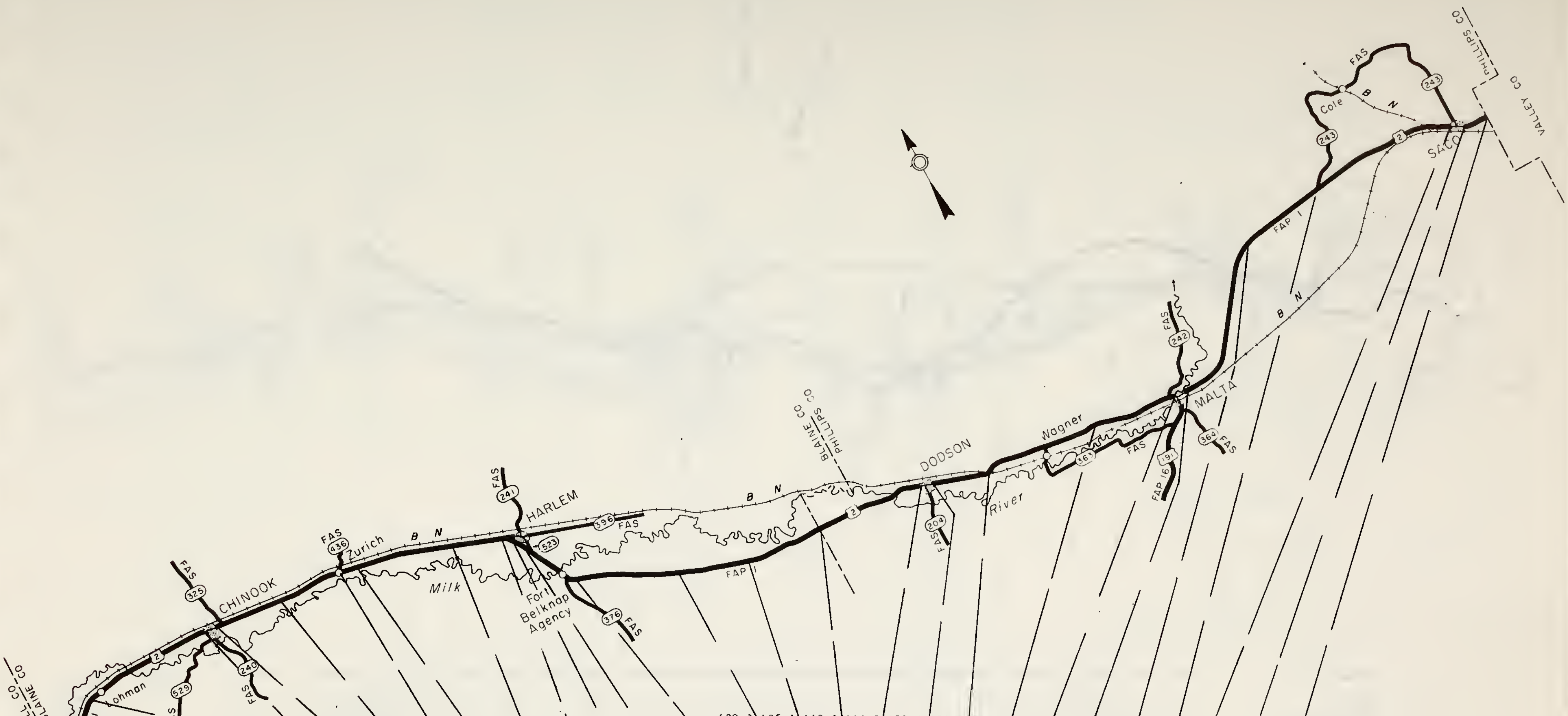
197.8	204.3	209.2	210.1	211.3	220.4	221.7	223.7	224.0	228.7	229.8	231.9	233.1	240.2	246.5	247.0	251.9	BEGINNING MILE POST
6.3	4.8	0.8	1.2	9.1	1.2	1.9	0.1	4.9	1.0	2.1	1.2	7.0	6.2	0.4	4.9	2.1	LENGTH
52	63	63	43	39	N	32	60	35	57	25	50	25	27	61	27	72	YEAR BUILT
70	63	63	62	54	O	70	60	61	57	63	63	61	60	61	61	72	YEAR IMPROVED
26	32	32	26	26	N	22	32	22	24	24	24	22	24	32	22	50	SURFACE WIDTH
26	32	32	30	30	E	24	32	24	32	24	30	24	24	35	24	50	ROADWAY WIDTH
PMS	PMS	PMS	RMS	RMS	X	RMS	FMS	RMS	RMS	RMS	RMS	FMS	RMS	RMS	RMS	PMS	SURFACE TYPE
940	1053	1193	1192	1239	I	2601	2270	1483	1301	1296	1273	1165	1148	1186	1357	1760	ADT
179	201	227	227	236	S	496	433	237	208	207	203	186	172	177	203	264	DHV
330	485	478	353	353	T	225	432	324	680	478	530	732	838	680	486	272	SERVICE VOLUME
7	4	7	2	0	E	4	8	0	4	0	6	0	0	5	0	10	FOUNDATION - 10
25	17	24	18	13	N	18	23	12	16	12	17	10	9	14	13	30	SURFACE - 30
10	10	10	9	8	T	9	10	8	10	5	10	7	4	10	6	10	DRAINAGE - 10
2	2	1	1	1		1	4	2	5	1	20	2	3	5	2	1	SAFETY - 20
22	24	23	20	20		0	15	19	25	24	24	26	27	26	24	15	CAPACITY - 30
66	57	65	50	42		32	60	41	60	42	77	45	43	60	45	66	SUFFICIENCY RATING
65	56	63	48	39		25	53	37	57	39	75	43	41	58	42	61	ADJUSTED RATING
2.17	2.10	.30	.60	5.31		1.30	.07	2.90	.42	1.22	.27	3.89	3.58	.19	2.72	.72	DEFICIENT MILEAGE
2W	SURF	SURF	2W	2W		4	4	2	2W	2W	2W	2W	2W	SURF	2W	SURF	PROPOSED IMPROVEMENT
1257	192	32	199	1542		1005	52	1320	131	311	152	1053	932	20	740	73	COST OF ROADWAY (000)
-	147	-	1072	131		260	-	-	79	-	-	-	-	-	-	-	COST OF STRUCTURES (000)
NOW	1-5	1-5	NOW	NOW		NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	1-5	NOW	11-15	YEAR OF IMPROVEMENT

FAP ROUTE NO I
& E GLACIER SPUR
SHEET 3 OF 7



BEGINNING MILE POST	307.0	308.0	315.3	321.7	322.6	332.6	341.9	347.7	348.2	354.5	363.5	372.1	379.1	381.4	383.5	BEGINNING MILE POST
LENGTH	0.9	7.2	6.4	0.8	9.9	9.2	5.8	0.5	6.3	8.9	8.5	7.0	2.2	2.1	7.4	LENGTH
YEAR BUILT	57	47	47	U	31	71	60	U	60	36	36	60	52	U	46	YEAR BUILT
YEAR IMPROVED	62	60	60	R	51	71	60	R	60	59	70	60	52	R	54	YEAR IMPROVED
SURFACE WIDTH	32	26	26	B	22	40	32	B	32	26	28	32	40	B	24	SURFACE WIDTH
ROADWAY WIDTH	32	26	26	A	24	40	32	A	32	31	32	32	40	A	30	ROADWAY WIDTH
SURFACE TYPE	PMS	RMS	RMS	N	RMS	PMS	PMS	N	PMS	RMS	RMS	PMS	RMS	N	PMS	SURFACE TYPE
ADT	724	750	831		916	989	1166		1076	1085	1381	2163	4090		2382	ADT
DHV	94	97	108		119	128	151		139	141	179	281	437		309	DHV
SERVICE VOLUME	629	442	500		436	184	720		672	564	696	696	654		604	SERVICE VOLUME
FOUNDATION - 10	5	5	7		0	10	8		8	5	7	5	3		7	FOUNDATION - 10
SURFACE - 30	18	17	18		5	30	23		22	17	20	20	13		21	SURFACE - 30
DRAINAGE - 10	10	10	10		5	10	10		10	10	10	10	10		10	DRAINAGE - 10
SAFETY - 20	7	2	4		5	3	13		10	1	5	5	4		3	SAFETY - 20
CAPACITY - 30	28	27	27		26	20	27		27	26	26	24	20		22	CAPACITY - 30
SUFFICIENCY RATING	68	61	66		41	73	81		77	59	68	64	50		63	SUFFICIENCY RATING
ADJUSTED RATING	69	62	66		41	72	79		76	57	65	58	39		56	ADJUSTED RATING
DEFICIENT MILEAGE	.31	2.83	2.19		5.89	2.50	1.10		1.46	3.67	2.74	2.52	1.12		2.76	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	2W	2W	2	2	NONE	SURF	SURF	SURF	2W	SURF	SURF	4	4	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	32	1015	903	300	2954		203	18	220	1071	332	273	1111	1653	1019	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	-	-	59	-		-	-	-	-	-	151	-	-	143	COST OF STRUCTURES (000)
YEAR OF IMPROVEMENT	1-5	NOW	NOW	NOW	NOW		6-10	6-10	6-10	NOW	1-5	6-10	NOW	NOW	1-5	YEAR OF IMPROVEMENT

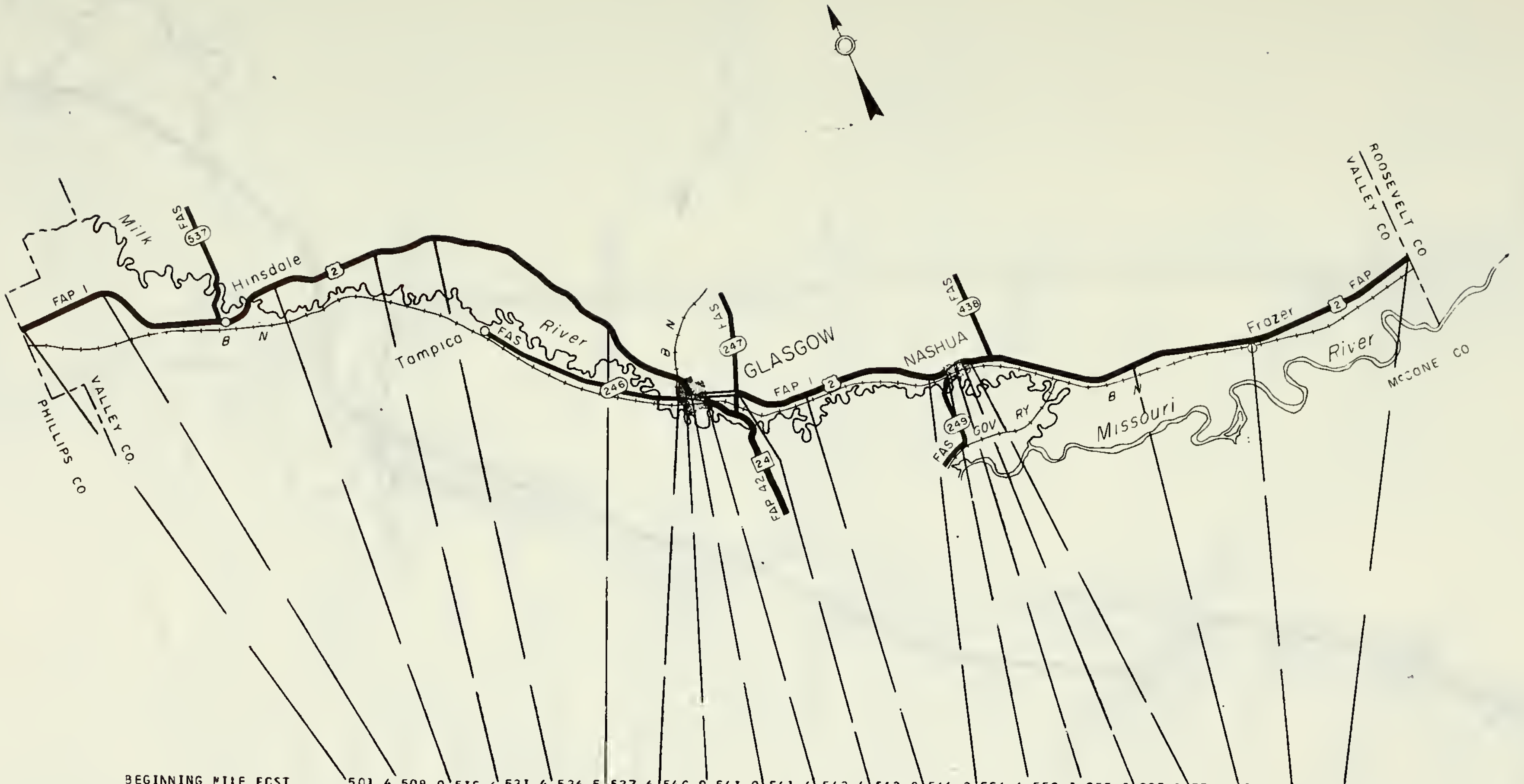
FAP ROUTE NO 1
SHEET 4 OF 7



BEGINNING MILE POST	391.0	393.8	403.5	404.0	408.3	413.4	414.0	421.3	423.9	424.6	424.7
LENGTH	2.8	9.7	0.5	4.2	5.0	0.5	7.3	2.5	0.7	0.1	4.3
YEAR BUILT	46	38	U	44	40	49	56	56	68	U	68
YEAR IMPROVED	54	59	R	56	56	56	73	73	68	R	68
SURFACE WIDTH	24	24	B	24	24	32	32	32	40	B	40
ROADWAY WIDTH	31	30	A	29	29	32	32	32	40	A	40
SURFACE TYPE	PMS	RMS	N	PMS	PMS	PMS	BST	BST	PMS	N	PMS
ADT	2034	2018		1963	1623	1608	1601	1600	1754		1819
DHV	264	262		255	210	209	208	208	228		236
SERVICE VOLUME	604	612		586	586	629	666	629	281		281
FOUNDATION - 10	5	5		6	6	5	10	6	9		10
SURFACE - 30	22	18		17	16	18	30	16	28		29
DRAINAGE - 10	10	10		10	10	10	10	10	10		10
SAFETY - 20	6	5		3	3	1	10	5	16		4
CAPACITY - 30	23	24		23	25	25	25	25	18		17
SUFFICIENCY RATING	66	62		59	60	59	85	62	81		70
ADJUSTED RATING	60	56		53	56	55	82	58	78		65
DEFICIENT MILEAGE	.96	3.69		1.74	2.03	.24	1.09	.97	.15		1.30
PROPOSED IMPROVEMENT	2W	2W	STRUCT.	2W	2W	2W	SURF	2W	SURF	SURF	SURF
COST OF ROADWAY (000)	340	1208	-	523	536	76	282	305	25	3	145
COST OF STRUCTURES (000)	39	565	156	354	360	112	-	-	-	-	-
YEAR OF IMPROVEMENT	1-5	NOW	NOW	NOW	NOW	NOW	1-5	NOW	6-10	6-10	6-10

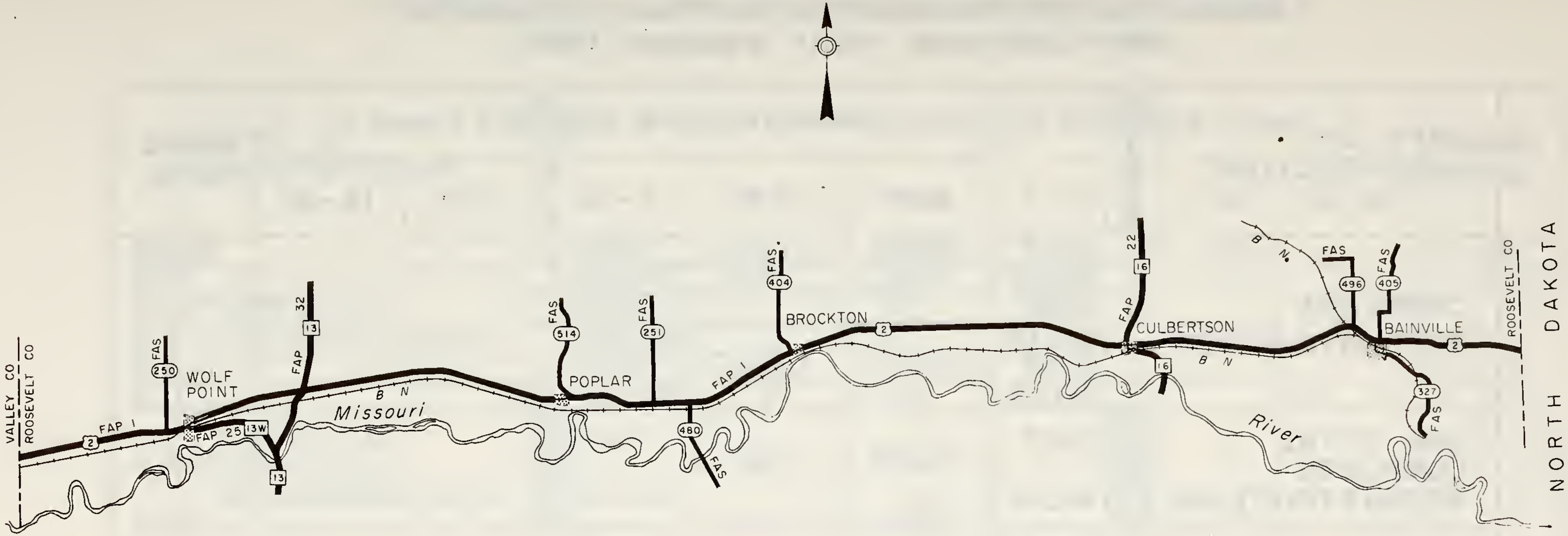
429.0	435.1	440.0	446.3	453.6	454.5	457.6	466.7	471.6	472.4	481.3	489.0	499.1	500.0	BEGINNING MILE POST
5.2	4.6	6.4	7.3	0.7	3.1	9.0	4.9	0.6	8.9	7.6	9.9	0.9	1.5	LENGTH
36	25	35	73	U	49	63	53	U	67	67	67	U	55	YEAR BUILT
62	71	71	73	R	49	63	53	R	67	67	67	R	55	YEAR IMPROVED
28	22	24	40	B	24	32	24	B	40	40	40	B	24	SURFACE WIDTH
30	24	24	40	A	26	32	30	A	40	40	40	A	28	ROADWAY WIDTH
RMS	RMS	BST	PMS	N	RMS	PMS	RMS	N	PMS	PMS	PMS	N	RMS	SURFACE TYPE
1003	925	910	1039		1168	1149	1389		1150	1061	1110		1181	ADT
130	120	118	135		151	149	180		149	137	149		159	DHV
453	324	469	281		539	672	600		234	247	234		510	SERVICE VOLUME
5	3	3	10		3	6	2		10	9	8		0	FOUNDATION - 10
16	18	18	30		14	21	18		27	26	24		13	SURFACE - 30
10	4	6	10		8	10	10		10	10	10		10	DRAINAGE - 10
2	1	4	7		4	5	20		7	20	6		3	SAFETY - 20
26	24	26	23		26	27	26		20	22	20		25	CAPACITY - 30
59	50	57	80		55	69	76		74	87	68		51	SUFFICIENCY RATING
58	49	57	79		53	67	73		72	86	66		49	ADJUSTED RATING
2.14	2.34	2.77	1.47		1.41	2.79	1.18		2.33	.99	3.18		.74	DEFICIENT MILEAGE
2W	2	2W	NONE	2W	2W	STRUCT	2W	2	SURF	SURF	SURF	2W	2W	PROPOSED IMPROVEMENT
647	1257	867		237	431	-	622	47	310	257	348	252	198	COST OF ROADWAY (000)
-	-	123		118	118	192	79	248	-	-	155	-	452	COST OF STRUCTURES (000)
NOW	NOW	NOW		NOW	NOW	NOW	NOW	11-15	6-10	6-10	6-10	NOW	NOW	YEAR OF IMPROVEMENT

FAP ROUTE NO 1
SHEET 5 OF 7



BEGINNING MILE POST	501.4	508.0	515.6	521.4	526.5	537.6	540.9	541.0	541.4	542.4	543.8	546.2	554.6	555.1	555.8	555.9	556.1	564.8	573.0	BEGINNING MILE POST
LENGTH	6.5	7.5	5.7	5.1	11.1	3.3	0.1	0.3	1.0	1.3	2.4	8.4	0.5	0.7	0.1	0.1	8.6	8.1	8.0	LENGTH
YEAR BUILT	55	66	50	50	50	48	U	48	U	62	62	53	56	U	56	U	70	61	58	YEAR BUILT
YEAR IMPROVED	55	66	55	55	55	48	R	48	R	62	62	53	70	R	70	R	70	61	61	YEAR IMPROVED
SURFACE WIDTH	24	40	24	24	24	24	B	24	B	68	36	24	32	B	32	B	32	32	24	SURFACE WIDTH
ROADWAY WIDTH	28	40	27	27	27	26	A	26	A	68	36	30	32	A	32	A	32	32	32	ROADWAY WIDTH
SURFACE TYPE	RMS	PMS	PMS	PMS	PMS	RMS	N	RMS	N	PMS	PMS	RMS	PMS	N	PMS	N	PMS	PMS	PMS	SURFACE TYPE
ADT	1072	1151	1093	1055	1102	1981		5299		3143	1506	1299	1230		1210		1179	1163	1173	ADT
DHV	144	155	147	142	148	267		715		424	203	175	166		163		159	157	158	DHV
SERVICE VOLUME	435	260	461	413	277	438		638		2112	266	583	503		488		643	666	629	SERVICE VOLUME
FOUNDATION - 10	0	7	5	3	4	0		0		6	6	2	9		9		8	4	3	FOUNDATION - 10
SURFACE - 30	13	25	18	16	16	11		13		24	21	18	26		27		25	23	14	SURFACE - 30
DRAINAGE - 10	9	10	10	10	10	10		8		10	10	10	10		10		10	10	10	DRAINAGE - 10
SAFETY - 20	13	7	4	3	2	7		20		7	4	7	3		20		4	5	10	SAFETY - 20
CAPACITY - 30	25	21	25	25	22	21		13		27	19	25	25		25		26	26	26	CAPACITY - 30
SUFFICIENCY RATING	60	70	62	57	54	49		54		74	60	62	73		91		73	68	63	SUFFICIENCY RATING
ADJUSTED RATING	58	68	60	56	52	43		41		67	56	59	71		90		71	66	61	ADJUSTED RATING
DEFICIENT MILEAGE	2.63	2.27	2.20	2.20	5.11	1.70		.15		.36	.97	3.19	.14		.00		2.34	2.61	2.98	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2W	SURF	2W	2W	2W	2W	4	4	SURF	SURF	SURF	2W	NONE	SURF	NONE	NONE	NONE	SURF	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	882	260	775	816	1949	413	72	215	70	90	84	1061	-	31	-	-	-	284	280	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	39	39	216	216	412	295	-	-	-	-	39	209	-	-	-	-	-	26	65	COST OF STRUCTURES (000)
YEAR OF IMPROVEMENT	NOW	6-10	NOW	NOW	NOW	NOW	1-5	1-5	6-10	6-10	6-10	NOW	-	NOW	-	-	-	6-10	6-10	YEAR OF IMPROVEMENT

FAP ROUTE NO 1
SHEET 6 OF 7



BEGINNING MILE POST	581.0	590.3	591.4	597.2	601.7	611.5	611.9	625.6	626.1	629.4	634.7	638.0	639.7	642.5	644.2	645.0	648.0	656.3	661.5	BEGINNING MILE POST
LENGTH	9.3	1.0	5.7	4.5	9.7	0.3	13.6	0.5	3.2	5.3	3.2	1.7	2.7	1.7	0.7	3.0	8.2	5.2	5.6	LENGTH
YEAR BUILT	57	U	58	58	60	U	70	U	43	46	52	52	52	56	U	56	61	55	55	YEAR BUILT
YEAR IMPROVED	61	R	58	58	60	R	70	R	57	50	52	52	52	61	R	61	61	62	62	YEAR IMPROVED
SURFACE WIDTH	32	B	32	32	32	B	40	B	24	24	24	24	24	32	B	32	32	32	32	SURFACE WIDTH
ROADWAY WIDTH	32	A	32	32	32	A	40	A	30	32	30	30	30	32	A	32	32	32	32	ROADWAY WIDTH
SURFACE TYPE	PMS	N	PMS	PMS	PMS	N	PMS	N	RMS	RMS	RMS	RMS	RMS	PMS	N	PMS	PMS	PMS	PMS	SURFACE TYPE
ADT	1244		1841	1372	1373		1202		850	740	740	770	797	819		1011	826	802	738	ADT
DHV	167		220	164	164		156		110	96	96	100	103	106		136	111	106	99	DHV
SERVICE VOLUME	569		648	648	720		281		414	302	414	663	414	428		629	629	592	403	SERVICE VOLUME
FOUNDATION - 10	3		7	6	6		7		0	2	2	0	0	2		7	6	8	8	FOUNDATION - 10
SURFACE - 30	15		20	18	22		24		15	15	16	16	12	14		17	20	21	21	SURFACE - 30
DRAINAGE - 10	10		10	10	10		10		10	9	10	10	10	10		10	10	10	10	DRAINAGE - 10
SAFETY - 20	10		5	7	4		8		2	2	20	20	5	11		20	20	6	10	SAFETY - 20
CAPACITY - 30	26		25	26	27		22		26	25	27	28	26	26		27	27	27	26	CAPACITY - 30
SUFFICIENCY RATING	64		67	67	69		71		53	53	75	74	53	63		81	83	72	75	SUFFICIENCY RATING
ADJUSTED RATING	61		62	64	66		69		53	54	76	75	54	63		80	83	72	76	ADJUSTED RATING
DEFICIENT MILEAGE	3.35		1.91	1.50	3.02		3.96		1.52	2.52	.82	.44	1.28	.63		.57	1.40	1.46	1.40	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF	SURF	SURF	SURF	2W	2W	2	2W	2W	2W	SURF	SURF	SURF	SURF	SURF	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	326	69	200	158	340	11	475	167	457	1595	457	214	373	60	43	105	285	182	196	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	216	-	-	-	-	-	-	-	39	78	-	169	-	-	-	59	-	79	-	COST OF STRUCTURES (000)
YEAR OF IMPROVEMENT	6-10	6-10	6-10	6-10	6-10	16-20	16-20	NOW	NOW	NOW	NOW	NOW	NOW	1-5	1-5	1-5	1-5	1-5	1-5	YEAR OF IMPROVEMENT

FAP ROUTE NO 1
SHEET 7 OF 7

RURAL F.A. PRIMARY ROUTE 1

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

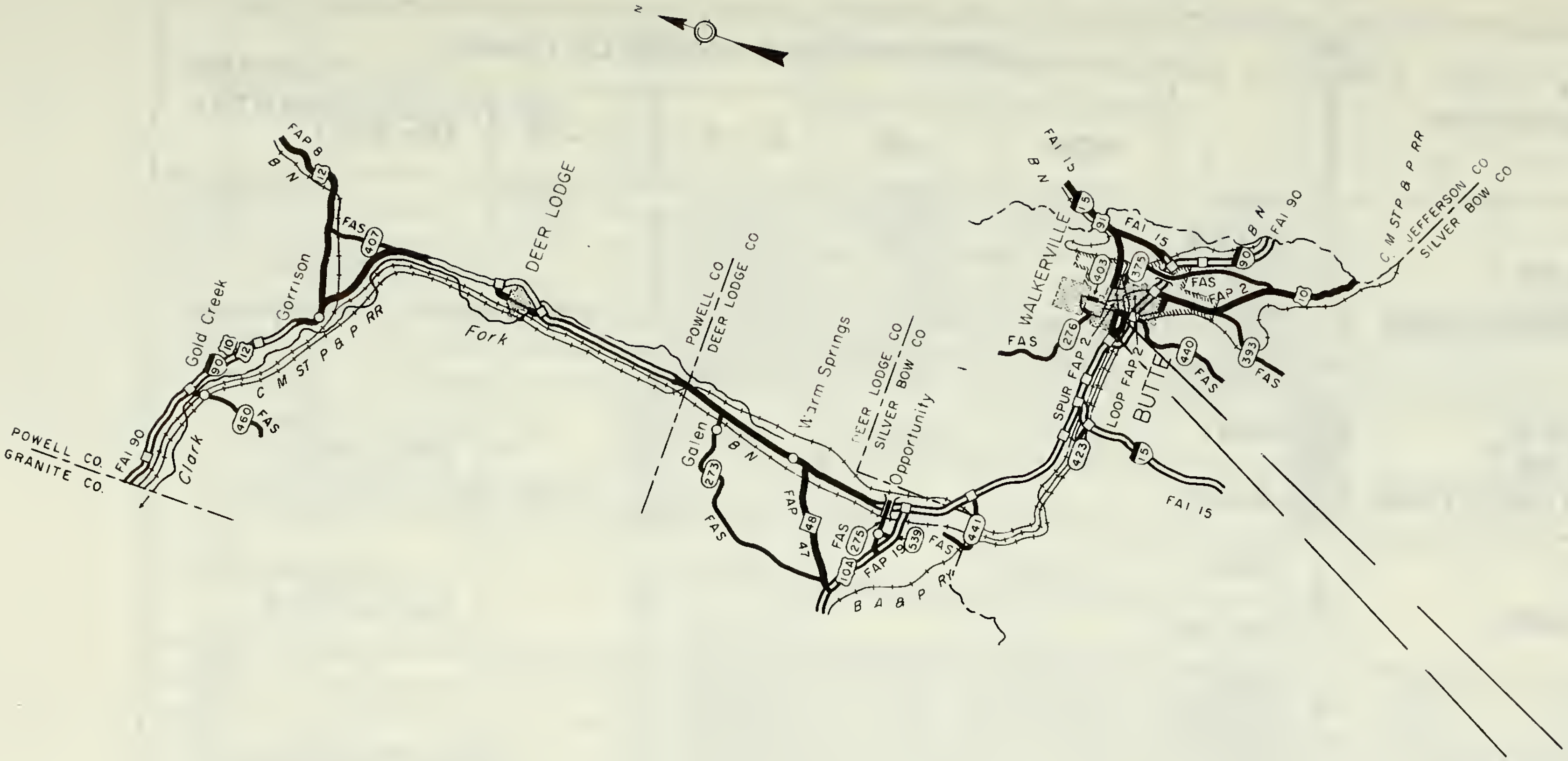
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	30,278	46				30,324
		MILES	97.5	0.3				97.8
	3	COST	1,877					1,877
		MILES	2.3					2.3
	4	COST	19,215	215				19,430
		MILES	37.1	0.3				37.4
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	51,370	261				51,631
		MILES	136.9	0.6				137.5
MAJOR WIDENING	2 W	COST	33,166	1,359				34,525
		MILES	209.1	10.2				219.3
RESURFACING	2	COST	89	3,629	3,972	505	475	8,670
		MILES	2.1	95.2	112.6	14.4	13.6	237.9
	3	COST		50		73		123
		MILES		0.6		2.1		2.7
	4	COST		97	90	175		362
		MILES		1.0	1.3	2.5		4.8
SUB-TOTAL RESURFACING		COST	89	3,776	4,062	753	475	9,155
		MILES	2.1	96.8	113.9	19.0	13.6	245.4
TOTAL ROADWAY		COST	84,625	5,396	4,062	753	475	95,311
		MILES	348.1	107.6	113.9	19.0	13.6	602.2
STRUCTURES	2	COST	8,384	954	691			10,029
	4	COST	4,398					4,398
TOTAL STRUCTURES		COST	12,782	954	691			14,427
GRAND TOTAL		COST	97,407	6,350	4,753	753	475	109,738
		MILES	348.1	107.6	113.9	19.0	13.6	602.2

URBAN F.A. PRIMARY ROUTE 1

Estimated Cost of Reconstructing to Present Standards

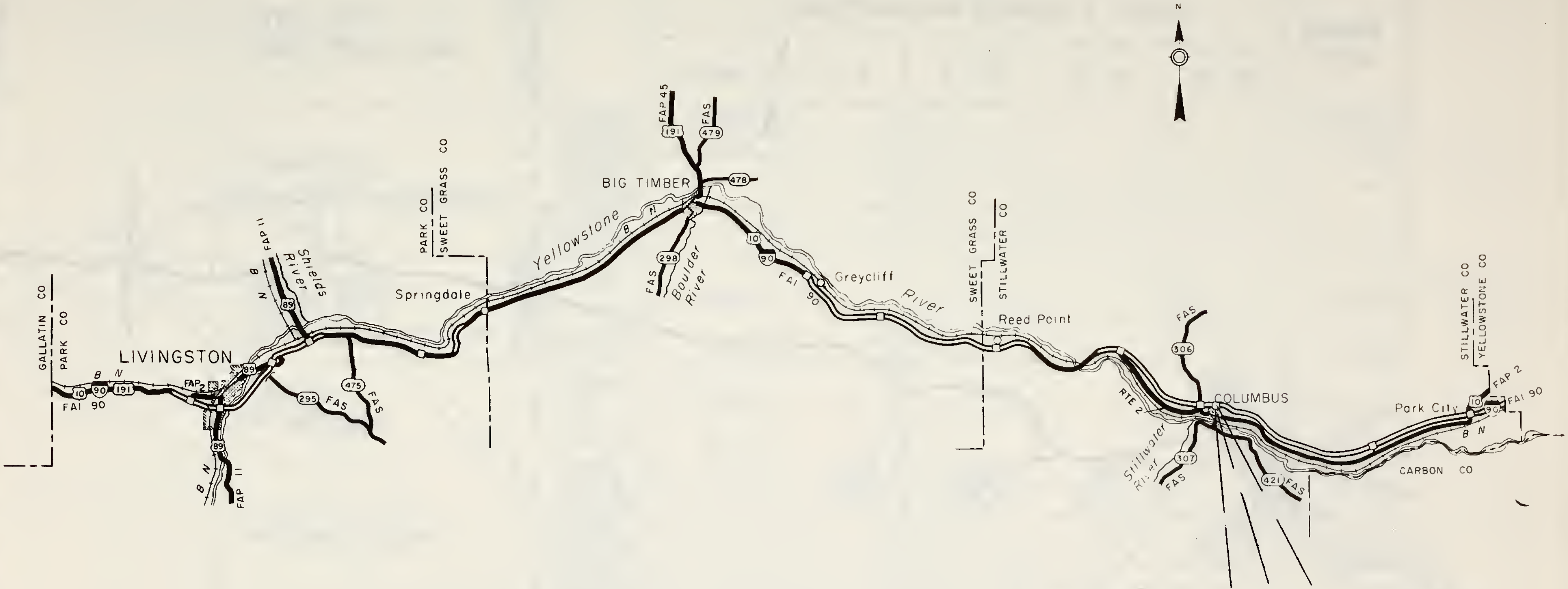
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	678	1,681		47		2,406
		MILES	2.1	4.8		0.6		7.5
	3	COST						
		MILES						
	4	COST	1,653	72				1,725
		MILES	2.1	0.1				2.2
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	2,331	1,753		47		4,131
		MILES	4.2	4.9		0.6		9.7
MAJOR WIDENING	2 W	COST	656					656
		MILES	2.1					2.1
RESURFACING	2	COST	31	193	21		11	256
		MILES	0.7	2.6	0.6		0.3	4.2
	3	COST		7				7
		MILES		0.1				0.1
	4	COST			139	56		195
		MILES			2.0	0.8		2.8
SUB-TOTAL RESURFACING		COST	31	200	160	56	11	458
		MILES	0.7	2.7	2.6	0.8	0.3	7.1
TOTAL ROADWAY		COST	3,018	1,953	160	103	11	5,245
		MILES	7.0	7.6	2.6	1.4	0.3	18.9
STRUCTURES	2	COST	526			248		774
	4	COST						
TOTAL STRUCTURES		COST	526			248		774
GRAND TOTAL		COST	3,544	1,953	160	351	11	6,019
		MILES	7.0	7.6	2.6	1.4	0.3	18.9



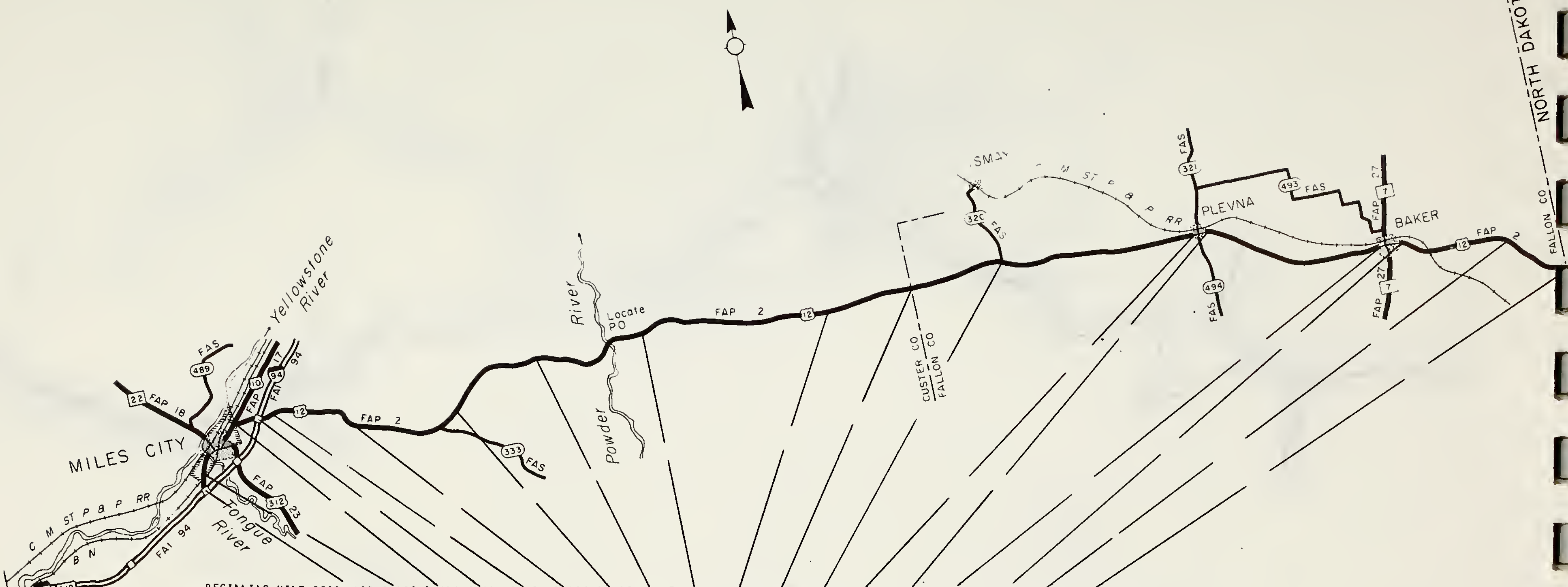
BEGINNING MILE POST	708.7
LENGTH	0.7
YEAR BUILT	57
YEAR IMPROVED	57
SURFACE WIDTH	28
ROADWAY WIDTH	28
SURFACE TYPE	BST
ADT	877
DHV	105
SERVICE VOLUME	872
FOUNDATION - 10	0
SURFACE - 30	10
DRAINAGE - 10	5
SAFETY - 20	20
CAPACITY - 30	28
SUFFICIENCY RATING	63
ADJUSTED RATING	63
DEFICIENT MILEAGE	.27
PROPOSED IMPROVEMENT	RESRF
COST OF ROADWAY	47
COST OF STRUCTURE	-
TIME OF IMPROVEMENT	1-5

FAP ROUTE NO 2
SHEET 1 OF 3



BEGINNING MILE POST	712.1	712.3
LENGTH	0.2	0.4
YEAR BUILT	L	72
YEAR IMPROVED	R	72
SURFACE WIDTH	B	44
ROADWAY WIDTH	A	44
SURFACE TYPE	N	PMS
AOT		1682
DHV		218
SERVICE VOLUME		795
FOUNDATION - 10		10
SURFACE - 30		30
DRAINAGE - 10		10
SAFETY - 20		20
CAPACITY - 30		26
SUFFICIENCY RATING		96
ADJUSTED RATING		95
DEFICIENT MILEAGE		.01
PROPOSED IMPROVEMENT	NONE	NONE
COST OF ROADWAY	-	-
COST OF STRUCTURE	-	-
TIME OF IMPROVEMENT	-	-

FAP ROUTE NO 2
SHEET 2 OF 3



BEGINNING MILE POST	609.9	610.8	614.9	616.1	616.8	623.1	630.9	637.4	644.0	655.8	661.7	667.7	680.1	680.8	692.6	694.0	699.0	BEGINNING MILE POST
LENGTH	0.9	4.1	1.2	0.6	6.3	7.7	6.5	6.2	11.7	5.8	6.0	12.3	0.7	11.7	1.3	5.0	6.4	LENGTH
YEAR BUILT	62	U	50	62	50	70	U	U	65	67	67	58	U	39	U	68	68	YEAR BUILT
YEAR IMPROVED	62	R	50	62	50	70	N	N	65	67	67	72	R	39	R	68	68	YEAR IMPROVED
SURFACE WIDTH	32	B	20	32	20	34	D C	D C	40	40	40	32	B	24	B	40	40	SURFACE WIDTH
ROADWAY WIDTH	32	A	24	32	24	34	E O	E O	40	40	40	32	A	30	A	40	40	ROADWAY WIDTH
SURFACE TYPE	PMS	N	RMS	PMS	RMS	PMS	R N	R N	PMS	PMS	PMS	PMS	N	RMS	N	PMS	PMS	SURFACE TYPE
ADT	1424		1506	612	582	490	S	S	397	374	379	445		802		803	559	ADT
DHV	160		195	79	75	63	T	T	51	48	49	57		104		104	72	DHV
SERVICE VOLUME	567		551	302	228	448	R	R	266	184	201	592		286		599	296	SERVICE VOLUME
FOUNDATION - 10	7		3	7	0	10	U	U	7	8	7	9		0		5	5	FOUNDATION - 10
SURFACE - 30	20		17	23	15	28	C	C	21	24	23	29		11		20	22	SURFACE - 30
DRAINAGE - 10	10		10	10	9	10	T	T	10	10	10	10		10		10	10	DRAINAGE - 10
SAFETY - 20	18		4	20	1	6	I	I	4	17	6	11		2		3	4	SAFETY - 20
CAPACITY - 30	26		25	26	25	28	O	O	27	26	26	29		25		27	26	CAPACITY - 30
SUFFICIENCY RATING	81		59	86	50	82	N	N	69	85	72	88		48		65	67	SUFFICIENCY RATING
ADJUSTED RATING	79		55	87	53	84			74	88	77	90		49		65	70	ADJUSTED RATING
DEFICIENT MILEAGE	.17		.52	.09	3.16	1.39			3.64	.88	1.65	1.48		6.09		1.77	2.12	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	2	2W	SURF	2	SURF	-	-	SURF	SURF	SURF	SURF	2W	2W	RESRF	SURF	RESRF	PROPOSED IMPROVEMENT
COST OF ROADWAY	40	1844	167	26	1861	330	-	-	500	250	260	530	265	1604	110	215	309	COST OF ROADWAY
COST OF STRUCTURE	-	90	-	-	196	-	-	-	-	-	-	-	138	287	-	-	-	COST OF STRUCTURE
TIME OF IMPROVEMENT	6-10	NOW	NOW	6-10	NOW	11-15	-	-	6-10	11-15	11-15	1-5	NOW	NOW	16-20	11-15	1-5	TIME OF IMPROVEMENT

FAP ROUTE NO 2
SHEET 3 OF 3

RURAL F.A. PRIMARY ROUTE 2

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	1,861					1,861
		MILES	6.3					6.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,861					1,861
		MILES	6.3					6.3
MAJOR WIDENING	2 W	COST	1,771					1,771
		MILES	12.9					12.9
RESURFACING	2	COST		886	566	1,055		2,507
		MILES		19.4	13.2	24.5		57.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		886	566	1,055		2,507
		MILES		19.4	13.2	24.5		57.1
TOTAL ROADWAY		COST	3,632	886	566	1,055		6,139
		MILES	19.2	19.4	13.2	24.5		76.3
STRUCTURES	2	COST	483					483
	4	COST						
TOTAL STRUCTURES		COST	483					483
GRAND TOTAL		COST	4,115	886	566	1,055		6,622
		MILES	19.2	19.4	13.2	24.5		76.3

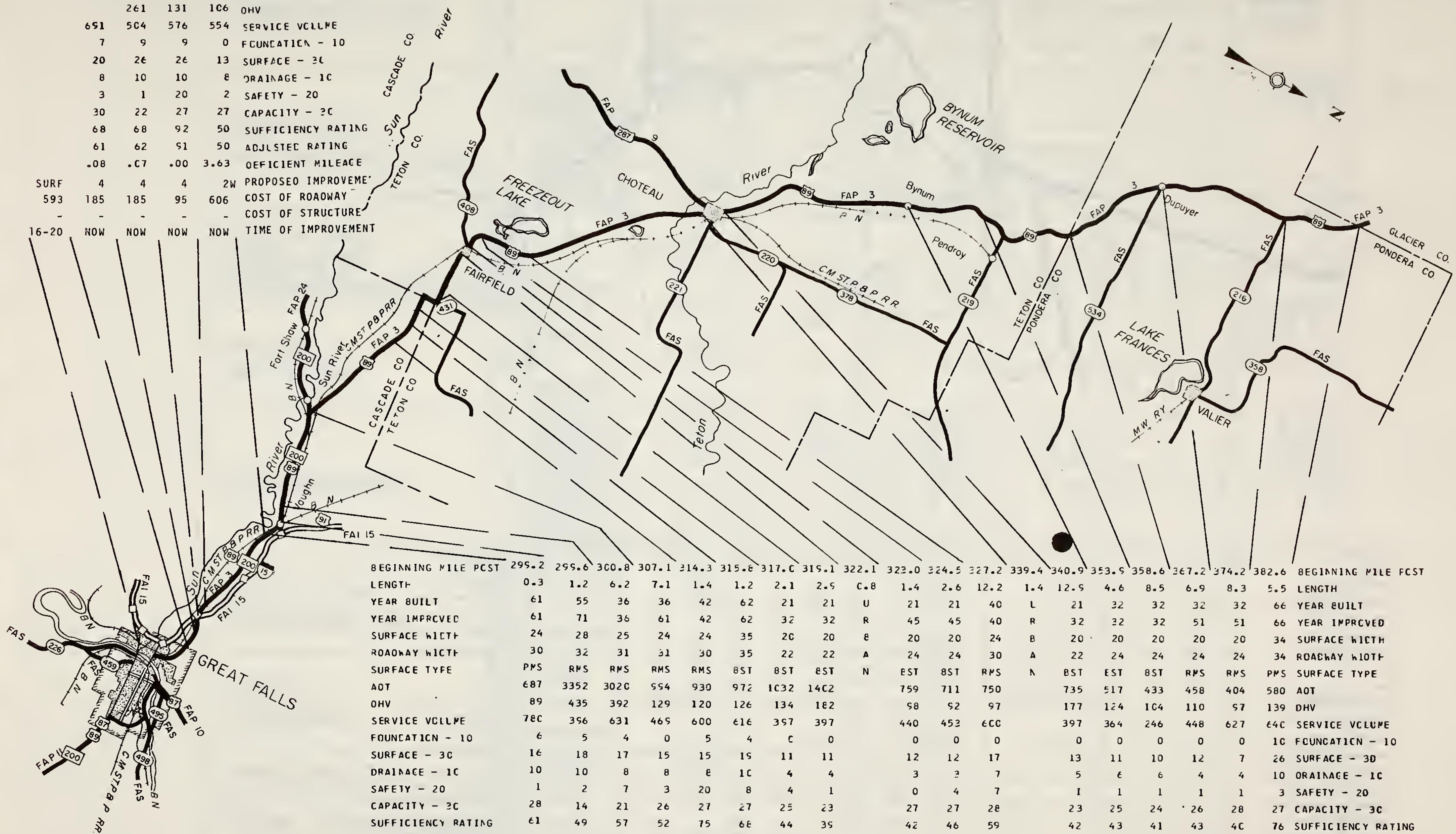
URBAN F.A. PRIMARY ROUTE 2

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

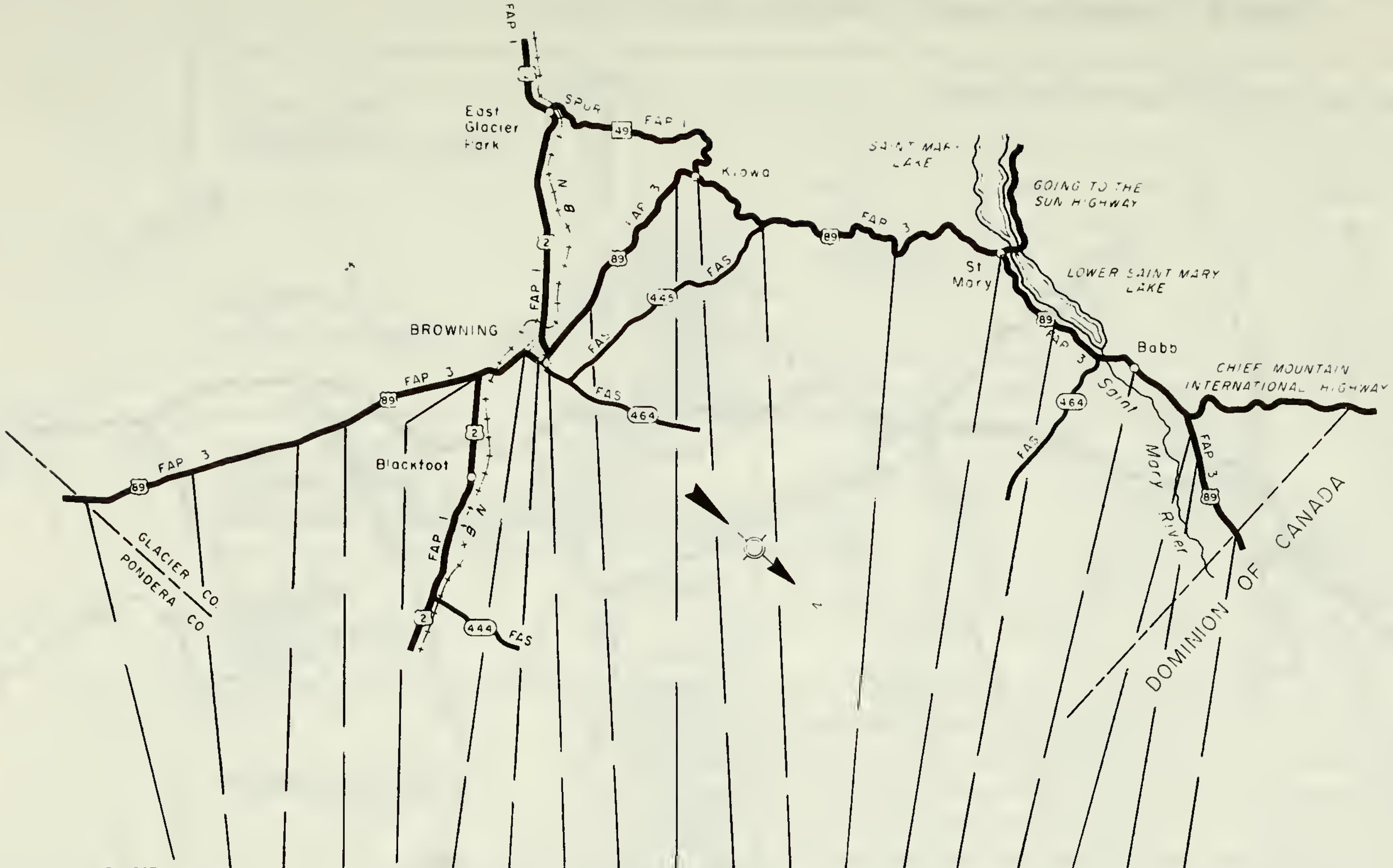
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	1,844					1,844
		MILES	4.1					4.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,844					1,844
		MILES	4.1					4.1
MAJOR WIDENING	2 W	COST	265					265
		MILES	0.7					0.7
RESURFACING	2	COST					110	110
		MILES					1.3	1.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST					110	110
		MILES					1.3	1.3
TOTAL ROADWAY		COST	2,109				110	2,219
		MILES	4.8				1.3	6.1
STRUCTURES	2	COST	228					228
	4	COST						
TOTAL STRUCTURES		COST	228					228
GRAND TOTAL		COST	2,337				110	2,447
		MILES	4.8				1.3	6.1

287.5	291.4	291.6	291.9	292.0	BEGINNING MILE POST
4.9	0.2	0.2	0.1	7.2	LENGTH
U	40	67	67	38	YEAR BUILT
R	71	67	67	49	YEAR IMPROVED
B	28	30	30	24	SURFACE WIDTH
A	30	30	30	30	ROADWAY WIDTH
N	PMS	PMS	PMS	RMS	SURFACE TYPE
	2448	2095	1054	851	ADT
		261	131	106	DHV
	691	504	576	554	SERVICE VOLUME
	7	9	9	0	FOUNDATION - 10
	20	26	26	13	SURFACE - 30
	8	10	10	8	DRAINAGE - 10
	3	1	20	2	SAFETY - 20
	30	22	27	27	CAPACITY - 30
	68	68	92	50	SUFFICIENCY RATING
	61	62	91	50	ADJUSTED RATING
	.08	.07	.00	3.63	DEFICIENT MILEAGE
SURF	4	4	4	2W	PROPOSED IMPROVEME
593	185	185	95	606	COST OF ROADWAY
-	-	-	-	-	COST OF STRUCTURE
16-20	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT



BEGINNING MILE POST	299.2	299.6	300.8	307.1	314.3	315.8	317.0	319.1	322.1	323.0	324.5	327.2	339.4	340.9	353.9	358.6	367.2	374.2	382.6	BEGINNING MILE POST
LENGTH	0.3	1.2	6.2	7.1	1.4	1.2	2.1	2.9	0.8	1.4	2.6	12.2	1.4	12.9	4.6	8.5	6.9	8.3	5.5	LENGTH
YEAR BUILT	61	55	36	36	42	62	21	21	U	21	21	40	U	21	32	32	32	32	66	YEAR BUILT
YEAR IMPROVED	61	71	36	61	42	62	32	32	R	45	45	40	R	32	32	32	51	51	66	YEAR IMPROVED
SURFACE WIDTH	24	28	25	24	24	35	20	20	B	20	20	24	B	20	20	20	20	20	34	SURFACE WIDTH
ROADWAY WIDTH	30	32	31	31	30	35	22	22	A	24	24	30	A	22	24	24	24	24	34	ROADWAY WIDTH
SURFACE TYPE	PMS	RMS	RMS	RMS	RMS	BST	BST	BST	N	BST	BST	RMS	N	BST	BST	BST	RMS	RMS	PMS	SURFACE TYPE
ADT	687	3352	3020	994	930	972	1032	1402		759	711	750		735	517	433	458	404	580	ADT
DHV	89	435	392	129	120	126	134	182		98	92	97		177	124	104	110	97	139	DHV
SERVICE VOLUME	780	396	631	469	600	616	397	397		440	453	600		397	364	246	448	627	640	SERVICE VOLUME
FOUNDATION - 10	6	5	4	0	5	4	0	0		0	0	0		0	0	0	0	0	10	FOUNDATION - 10
SURFACE - 30	16	18	17	15	15	19	11	11		12	12	17		13	11	10	12	7	26	SURFACE - 30
DRAINAGE - 10	10	10	8	8	8	10	4	4		3	3	7		5	6	6	4	4	10	DRAINAGE - 10
SAFETY - 20	1	2	7	3	20	8	4	1		0	4	7		1	1	1	1	1	3	SAFETY - 20
CAPACITY - 30	28	14	21	26	27	27	25	23		27	27	28		23	25	24	26	28	27	CAPACITY - 30
SUFFICIENCY RATING	61	49	57	52	75	68	44	39		42	46	59		42	43	41	43	40	76	SUFFICIENCY RATING
ADJUSTED RATING	63	39	48	51	74	67	43	36		43	47	60		43	47	46	48	45	78	ADJUSTED RATING
DEFICIENT MILEAGE	.13	.62	2.67	3.42	.36	.39	1.18	1.80		.86	1.45	5.04		7.50	2.64	5.06	3.93	5.02	1.33	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2W	2	2	2W	2W	SURF	2W	2W	2W	2	2W	2W	2W	2W	2W	2	2	2W	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY	24	635	2581	816	156	53	280	387	190	391	287	1286	324	1719	490	1918	1540	894	235	COST OF ROADWAY
COST OF STRUCTURE	-	294	-	-	-	-	-	54	-	-	-	-	-	-	326	126	209	212	-	COST OF STRUCTURE
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	1-5	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	6-10	TIME OF IMPROVEMENT

FAP ROUTE NO 3
SHEET 1 OF 2



BEGINNING MILE POST	388.2	394.0	400.0	402.3	409.6	411.7	412.6	413.3	416.3	422.7	425.0	430.3	438.5	444.5	448.8	452.8	456.6	457.4	BEGINNING MILE POST
LENGTH	5.8	5.9	2.1	7.2	2.1	0.6	0.7	3.4	6.3	2.2	5.2	8.2	6.0	4.2	4.0	3.7	0.8	5.8	LENGTH
YEAR BUILT	68	66	51	60	C	35	U	35	35	29	28	28	58	64	56	56	61	52	YEAR BUILT
YEAR IMPROVED	68	66	51	60	O	53	R	51	51	35	68	40	64	64	64	56	61	52	YEAR IMPROVED
SURFACE WIDTH	34	34	26	32	I	22	B	22	22	20	24	18	44	32	32	24	28	22	SURFACE WIDTH
ROADWAY WIDTH	38	34	28	32	N	24	A	24	24	24	24	24	44	32	32	28	28	28	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	RMS	PMS	C	RMS	N	RMS	RMS	PMS	RMS	RMS	PMS	PMS	PMS	RMS	RMS	RMS	SURFACE TYPE
ADT	605	618	630	718	I	2803		921	733	643	675	714	765	798	793	743	612	416	ADT
DHV	145	148	151	173	D	546		179	142	125	132	139	153	155	154	144	119	81	DHV
SERVICE VOLUME	529	504	454	529	E	254		780	386	480	351	260	331	597	630	523	554	500	SERVICE VOLUME
FOUNDATION - 10	10	10	5	5	N	0		0	0	0	0	0	8	9	9	3	7	3	FOUNDATION - 10
SURFACE - 30	27	28	17	21	T	16		10	10	10	13	9	24	25	25	17	22	15	SURFACE - 30
DRAINAGE - 10	10	10	10	10		9		8	8	8	4	4	10	10	10	9	10	10	DRAINAGE - 10
SAFETY - 20	5	7	2	4		1		2	1	1	0	0	2	4	2	2	4	5	SAFETY - 20
CAPACITY - 30	26	26	25	25		0		27	24	26	24	23	23	26	26	26	27	28	CAPACITY - 30
SUFFICIENCY RATING	78	81	59	65		26		47	43	45	41	36	67	74	72	57	70	61	SUFFICIENCY RATING
ADJUSTED RATING	80	82	61	66		19		47	44	47	43	37	68	74	72	58	72	66	ADJUSTED RATING
DEFICIENT MILEAGE	1.28	1.12	.87	2.53		.65		1.83	3.62	1.23	3.10	5.25	1.98	1.11	1.12	1.62	.25	2.28	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF		2	2	2W	2	2	2	2	SURF	SURF	SURF	2W	SURF	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY	250	255	90	310		433	416	429	1667	573	1543	2387	319	165	154	455	24	543	COST OF ROADWAY
COST OF STRUCTURE	-	-	-	-		-	-	-	-	-	203	45	-	-	-	-	-	-	COST OF STRUCTURE
TIME OF IMPROVEMENT	11-15	6-10	NOW	1-5		NOW	NOW	NOW	NOW	NOW	NOW	NOW	6-10	6-10	6-10	NOW	11-15	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 3
SHEET 2 OF 2

RURAL F.A. PRIMARY ROUTE 3
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

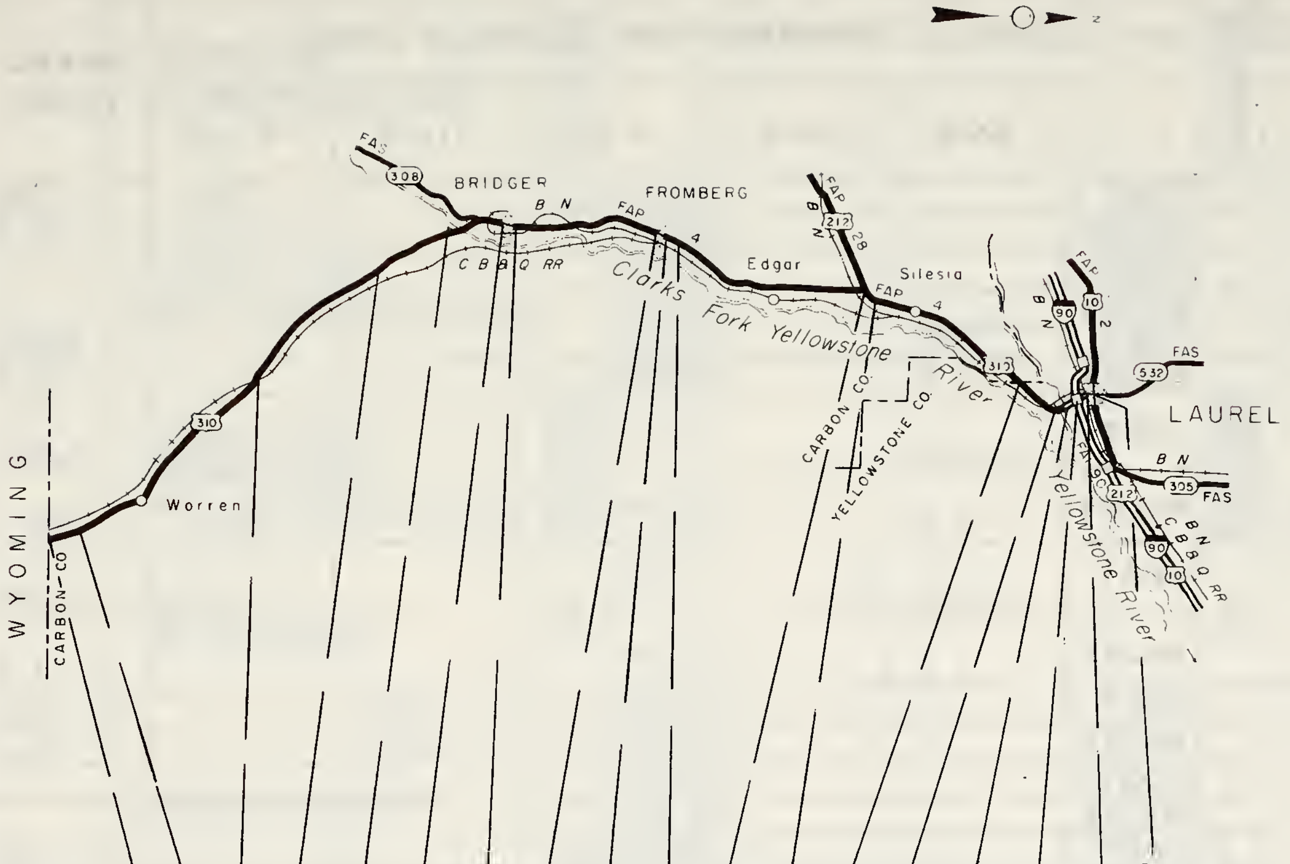
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	13,668					13,668
		MILES	46.9					46.9
	3	COST						
		MILES						
	4	COST	465					465
		MILES	0.5					0.5
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	14,133					14,133
		MILES	47.4					47.4
MAJOR WIDENING	2 W	COST	8,372					8,372
		MILES	74.5					74.5
RESURFACING	2	COST	90	363	809	274		1,536
		MILES	2.1	8.4	19.6	6.6		36.7
	3	COST			319			319
		MILES			6.0			6.0
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	90	363	1,128	274		1,855
		MILES	2.1	8.4	25.6	6.6		42.7
TOTAL ROADWAY		COST	22,595	363	1,128	274		24,360
		MILES	124.0	8.4	25.6	6.6		164.6
STRUCTURES	2	COST	1,469					1,469
	4	COST						
TOTAL STRUCTURES		COST	1,469					1,469
GRAND TOTAL		COST	24,064	363	1,128	274		25,829
		MILES	124.0	8.4	25.6	6.6		164.6

URBAN F.A. PRIMARY ROUTE 3

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	416					416
		MILES	0.7					0.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	416					416
		MILES	0.7					0.7
MAJOR WIDENING	2 W	COST	514					514
		MILES	2.2					2.2
RESURFACING	2	COST					593	593
		MILES					4.9	4.9
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST					593	593
		MILES					4.9	4.9
TOTAL ROADWAY		COST	930				593	1,523
		MILES	2.9				4.9	7.8
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	930				593	1,523
		MILES	2.9				4.9	7.8



BEGINNING MILE POST	0.0	0.5	13.4	19.2	23.2	25.6	26.2	32.7	33.1	33.7	42.7	42.9	50.8	52.2	53.8	54.3	54.5	BEGINNING MILE POST
LENGTH	0.5	12.9	5.7	4.0	2.4	0.6	6.4	0.4	0.5	8.9	0.1	7.9	1.3	1.5	0.4	0.2	0.2	LENGTH
YEAR BUILT	49	56	59	72	72	U	23	U	54	68	68	49	49	22	64	64	U	YEAR BUILT
YEAR IMPROVED	49	63	59	72	72	R	51	R	54	68	68	65	65	39	64	64	R	YEAR IMPROVED
SURFACE WIDTH	24	32	32	32	40	B	22	B	24	40	40	24	28	24	68	68	B	SURFACE WIDTH
ROADWAY WIDTH	30	32	32	32	40	A	24	A	32	40	40	32	32	30	68	68	A	ROADWAY WIDTH
SURFACE TYPE	RMS	PMS	PMS	PMS	PMS	N	RMS	N	RMS	PMS	PMS	RMS	RMS	RMS	PMS	PMS	N	SURFACE TYPE
ADT	840	857	920	1017	1448		1805		1794	1818	3533	3588	3849	4295	4596	4480		ADT
DHV	109	111	119	132	188		234		233	236	459	466	500	558	597	582		DHV
SERVICE VOLUME	648	569	599	448	266		453		828	643	432	580	616	652	1408	1408		SERVICE VOLUME
FOUNDATION - 10	8	4	2	9	9		0		4	6	9	3	4	3	9	9		FOUNDATION - 10
SURFACE - 30	21	19	18	28	28		12		16	25	27	15	15	15	24	25		SURFACE - 30
DRAINAGE - 10	10	10	10	10	10		6		10	10	10	10	9	7	10	10		DRAINAGE - 10
SAFETY - 20	1	8	20	10	3		2		12	5	1	8	3	1	2	20		SAFETY - 20
CAPACITY - 30	27	27	27	26	19		22		26	24	14	18	18	17	24	24		CAPACITY - 30
SUFFICIENCY RATING	67	68	77	83	69		42		68	72	61	54	49	43	69	88		SUFFICIENCY RATING
ADJUSTED RATING	67	68	77	82	66		37		63	68	51	44	38	31	58	83		ADJUSTED RATING
DEFICIENT MILEAGE	.17	4.13	1.32	.68	.75		3.71		.19	2.49	.06	3.66	.70	.90	.13	.02		DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2W	SURF	SURF	SURF	SURF	2W	2W	2W	2W	SURF	4	4	4	4	SURF	SURF	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	61	498	224	158	121	290	936	108	70	430	53	2697	455	741	28	14	14	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	59	-	-	-	-	-	59	-	-	144	-	-	-	1290	-	-	-	COST OF STRUCTURES (000)
YEAR OF IMPROVEMENT	NOW	11-15	11-15	16-20	16-20	NOW	NOW	NOW	NOW	16-20	NOW	NOW	NOW	NOW	6-10	6-10	6-10	YEAR OF IMPROVEMENT

FAP ROUTE NO 4
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 4
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

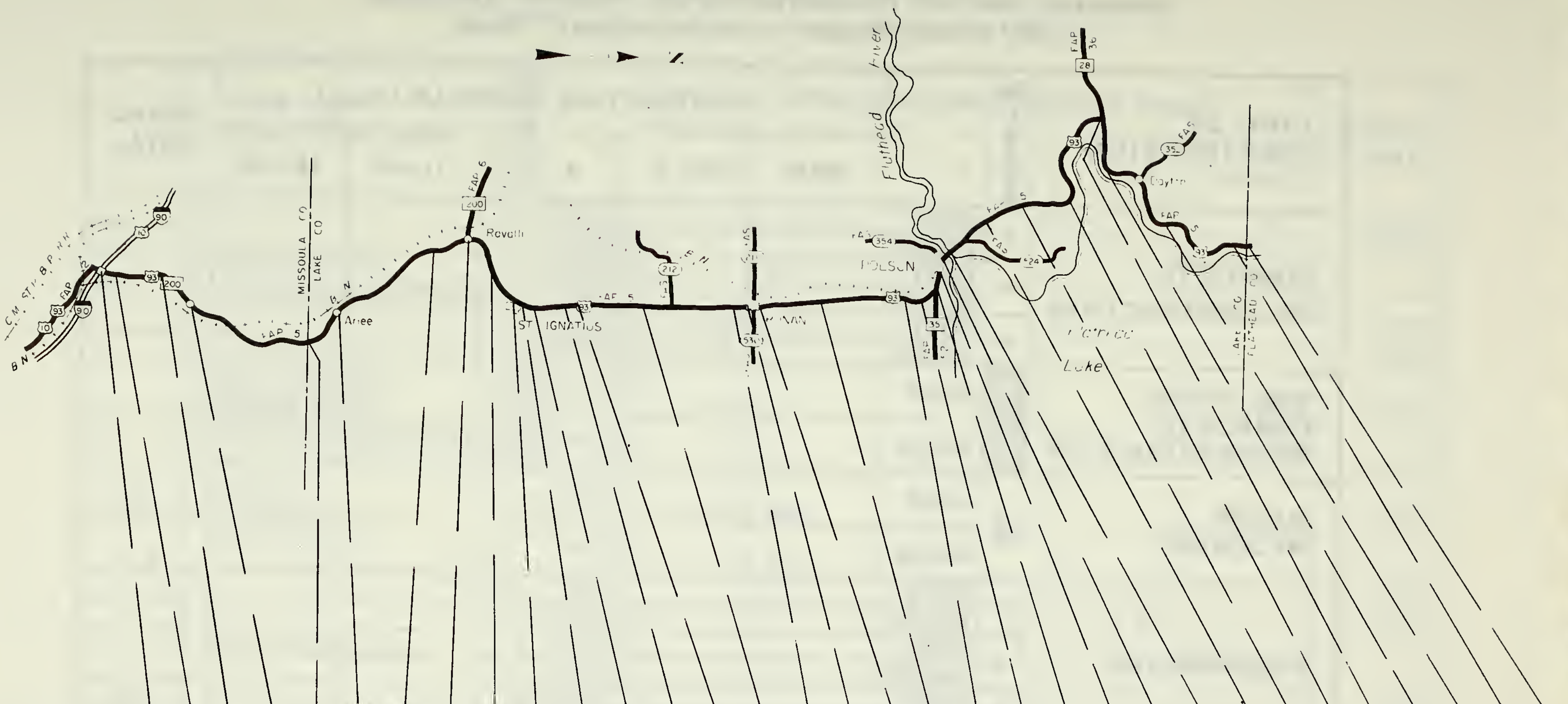
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST					709	709
		MILES					15.3	15.3
	3	COST						
		MILES						
	4	COST	3,946					3,946
		MILES	10.8					10.8
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	3,946				709	4,655
		MILES	10.8				15.3	26.1
MAJOR WIDENING	2 W	COST	1,067					1,067
		MILES	7.4					7.4
RESURFACING	2	COST				722		722
		MILES				18.6		18.6
	3	COST						
		MILES						
	4	COST			42			42
		MILES			0.6			0.6
SUB-TOTAL RESURFACING		COST			42	722		764
		MILES			0.6	18.6		19.2
TOTAL ROADWAY		COST	5,013		42	722	709	6,486
		MILES	18.2		0.6	18.6	15.3	52.7
STRUCTURES	2	COST	118				144	262
	4	COST	1,290					1,290
TOTAL STRUCTURES		COST	1,408				144	1,552
GRAND TOTAL		COST	6,421		42	722	853	8,038
		MILES	18.2		0.6	18.6	15.3	52.7

URBAN F.A. PRIMARY ROUTE 4

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

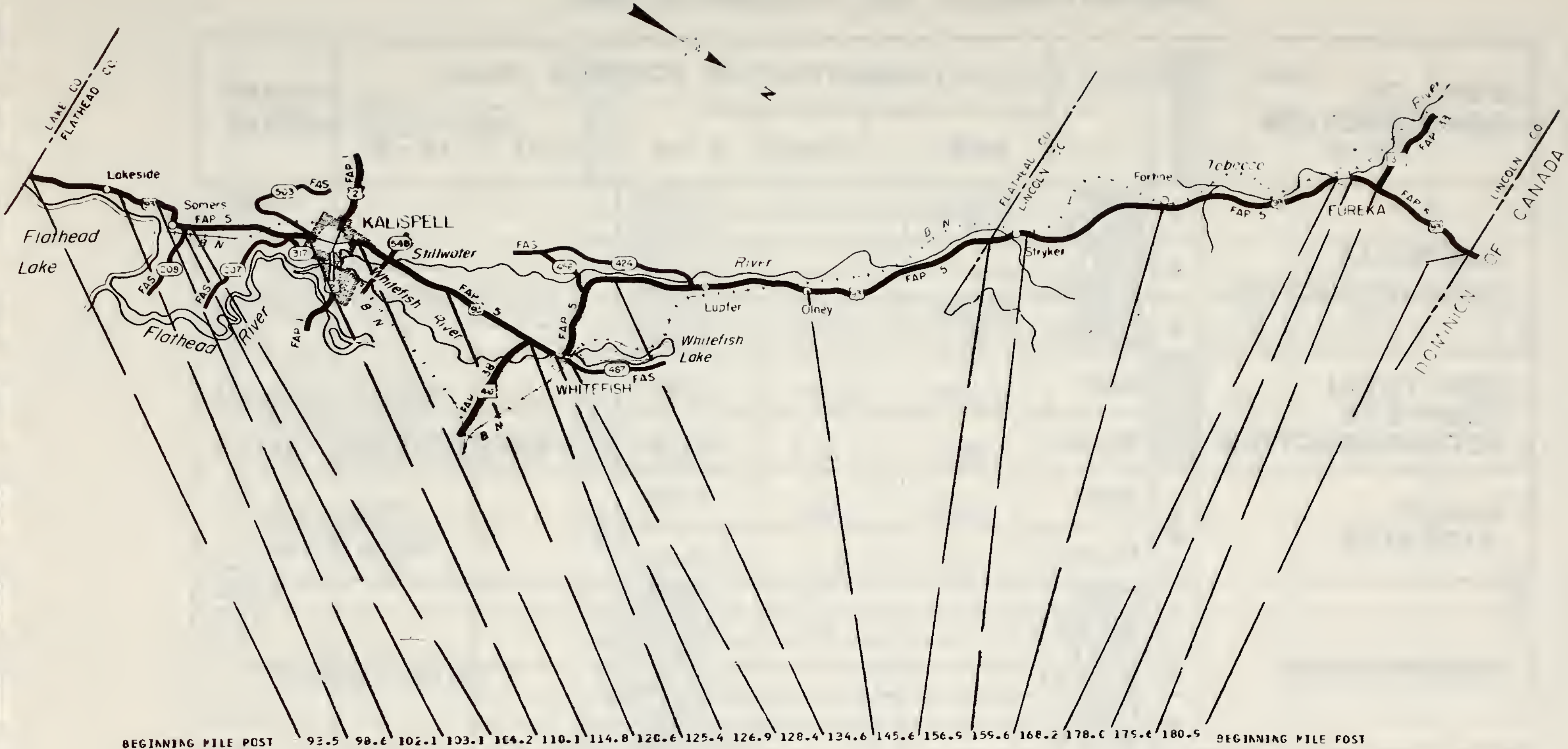
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	398					398
		MILES	1.0					1.0
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST			14			14
		MILES			0.2			0.2
SUB-TOTAL RESURFACING		COST			14			14
		MILES			0.2			0.2
TOTAL ROADWAY		COST	398		14			412
		MILES	1.0		0.2			1.2
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	398		14			412
		MILES	1.0		0.2			1.2



BEGINNING MILE POST	0.0	0.2	4.0	5.5	15.0	18.4	24.3	27.5	30.0	32.6	32.7	33.0	34.9	35.3	41.1	46.1
LENGTH	0.2	3.4	1.5	9.4	3.4	5.8	3.1	2.5	2.5	0.1	0.3	1.8	0.3	5.7	5.0	0.4
YEAR BUILT	66	34	48	64	40	60	60	60	60	U	69	60	60	50	66	70
YEAR IMPROVED	66	55	54	64	40	60	60	60	60	R	69	60	60	50	66	70
SURFACE WIDTH	36	20	24	36	24	32	32	44	32	B	44	32	32	24	40	40
ROADWAY WIDTH	36	24	32	36	30	32	32	44	32	A	44	32	32	30	40	40
SURFACE TYPE	PMS	RMS	RMS	PMS	RMS	PMS	PMS	PMS	PMS	N	RMS	PMS	PMS	RMS	PMS	PMS
ADT	3529	3445	3332	3161	3284	3481	3478	2865	2321		3142	3410	3358	3261	3766	4187
DHV	515	502	486	461	479	508	507	418	338		458	497	490	476	550	611
SERVICE VOLUME	424	277	220	510	507	580	302	578	544		96	544	720	491	304	848
FOUNDATION - 10	8	0	2	4	3	6	6	5	4		7	4	10	0	6	8
SURFACE - 30	23	13	15	18	13	19	18	18	17		21	15	27	15	21	25
DRAINAGE - 10	10	7	7	10	8	10	10	10	10		10	10	10	8	10	10
SAFETY - 20	1	1	2	4	2	4	3	2	3		3	3	4	2	6	4
CAPACITY - 30	12	3	0	16	16	17	5	19	21		0	16	20	15	3	19
SUFFICIENCY RATING	54	24	26	52	42	56	42	54	55		41	48	71	40	46	66
ADJUSTED RATING	44	16	18	43	32	46	32	45	48		32	38	63	31	35	56
DEFICIENT MILEAGE	.11	2.63	1.13	4.55	1.99	2.57	1.82	1.17	1.15		.20	.55	.11	3.47	2.70	.13
PROPOSED IMPROVEMENT	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
COST OF ROADWAY (000)	59	2182	712	3352	1601	1704	1094	2012	766	63	141	536	119	2652	2287	183
COST OF STRUCTURES (000)	290	-	-	179	-	94	-	-	-	-	-	-	-	223	-	-
YEAR OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	11-15	11-15	11-15	NOW	NOW	1-5	NOW	NOW	16-20

BEGINNING MILE POST	46.5	47.3	53.3	56.9	57.8	59.0	59.3	61.0	61.6	64.4	67.4	71.3	77.5	79.3	86.3	92.7
LENGTH	0.7	6.0	3.4	0.8	1.1	0.3	1.6	0.5	2.8	2.9	3.8	6.2	1.8	6.9	6.4	0.7
YEAR BUILT	U	70	58	U	58	58	U	66	54	54	54	62	62	32	33	64
YEAR IMPROVED	R	70	58	N	58	58	R	66	54	54	70	62	62	52	65	64
SURFACE WIDTH	B	40	32	D C	32	40	B	40	24	24	30	32	32	22	24	32
ROADWAY WIDTH	A	40	32	E O	32	40	A	40	32	32	30	32	32	24	24	32
SURFACE TYPE	N	PMS	PMS	R N	PMS	PMS	N	PMS	PMS	PMS	PMS	PMS	PMS	RMS	RMS	PMS
ADT		3783	4014	S	4328	5805		2699	1980	1669	1520	1481	1402	1360	1394	1537
DHV		552	586	T	631	847		364	267	225	205	199	189	183	188	207
SERVICE VOLUME		288	640	R	403	326		257	503	324	367	403	672	303	335	542
FOUNDATION - 10		10	8	U	7	9		9	3	5	8	7	7	0	0	7
SURFACE - 30		28	23	C	20	25		26	14	17	27	22	21	7	10	24
DRAINAGE - 10		10	10	T	10	10		10	10	10	9	10	10	4	4	10
SAFETY - 20		5	4	I	6	1		1	2	3	3	3	5	1	1	5
CAPACITY - 30		1	16	O	7	0		9	22	20	22	23	26	21	22	24
SUFFICIENCY RATING		54	61	N	50	45		55	51	55	69	65	69	33	37	70
ADJUSTED RATING		43	50		38	31		47	45	50	65	61	66	30	34	66
DEFICIENT MILEAGE		2.76	1.33		.59	.18		.26	1.39	1.32	1.19	2.17	.56	4.64	4.04	.22
PROPOSED IMPROVEMENT	4	4	4		4	SURF	SURF	SURF	2W	2W	SURF	SURF	SURF	2	2	2W
COST OF ROADWAY (000)	320	2743	1544		748	15	80	25	342	422	203	248	72	2324	2156	643
COST OF STRUCTURES (000)	-	35	72		-	-	-	-	-	-	-	-	-	54	-	-
YEAR OF IMPROVEMENT	16-20	16-20	NOW		NOW	1-5	6-10	6-10	NOW	NOW	6-10	6-10	6-10	NOW	NOW	16-20

FAP ROUTE 5
SHEET 1 OF 2



BEGINNING MILE POST	93.5	98.6	102.1	103.1	104.2	110.1	114.8	120.6	125.4	126.9	128.4	134.6	145.6	156.9	159.6	168.2	178.0	179.6	180.9	BEGINNING MILE POST
LENGTH	5.1	3.4	1.0	1.0	5.9	4.3	5.8	4.7	1.4	1.5	6.2	10.9	11.2	2.6	8.6	9.6	1.5	1.3	6.5	LENGTH
YEAR BUILT	64	63	63	63	49	U	57	60	60	U	34	55	55	55	31	32	U	43	50	YEAR BUILT
YEAR IMPROVED	64	63	63	63	61	R	60	60	60	R	54	59	60	60	64	51	R	57	50	YEAR IMPROVED
SURFACE WIDTH	32	32	22	32	38	B	36	36	36	B	22	24	26	26	24	22	B	22	24	SURFACE WIDTH
ROADWAY WIDTH	32	32.	32	32	38	A	36	36	36	A	23	28	26	26	24	22	A	24	24	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS.	PMS	PMS	RMS	N	PMS	PMS	PMS	N	RMS	PMS	PMS	PMS	RMS	RMS	N	RMS	RMS	SURFACE TYPE
ADT	1595	2516	2687	2775	4650		3161	3055	5378		1124	813	640	575	673	1152		1576	371	ADT
DHV	265	335	362	374	558		375	371	645		146	105	83	74	87	145		256	48	DHV
SERVICE VOLUME	243	340	705	340	383		309	662	537		202	565	315	315	335	356		357	353	SERVICE VOLUME
FOUNDATION - 10	4	6	7	7	8		6	5	7		0	3	5	4	0	0		0	0	FOUNDATION - 10
SURFACE - 30	18	21	23	23	25		24	18	21		10	14	18	20	9	8		11	19	SURFACE - 30
DRAINAGE - 10	10	10	10	10	10		10	10	10		4	10	9	9	4	5		8	5	DRAINAGE - 10
SAFETY - 20	6	4	1	4	6		4	4	4		1	3	3	6	1	1		1	2	SAFETY - 20
CAPACITY - 30	13	15	22	14	8		12	22	20		19	27	26	27	26	24		19	28	CAPACITY - 30
SUFFICIENCY RATING	51	56	63	58	57		56	59	62		34	57	61	66	40	38		39	54	SUFFICIENCY RATING
ADJUSTED RATING	45	48	55	50	45		47	50	49		32	57	63	69	42	36		33	60	ADJUSTED RATING
DEFICIENT MILEAGE	2.53	1.50	.37	.46	2.54		2.55	1.56	.56		4.09	4.71	4.39	.91	5.20	5.58		.83	3.01	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	4	4	4	4	4	4	4	4	4	4	2	SURF	SURF	SURF	2	2	2W	2	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	2479	1412	392	432	2856	2135	1662	1179	368	751	1847	435	450	104	2593	3220	500	470	704	COST OF ROADWAY (000)
COST OF STRUCTURES (000	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	103	-	-	-	COST OF STRUCTURES (000)
YEAR OF IMPROVEMENT	6-10	6-10	6-10	6-10	1-5	1-5	11-15	11-15	NOW	6-10	NOW	6-10	6-10	6-10	NOW	NOW	NOW	NOW	NOW	YEAR OF IMPROVEMENT

FAP ROUTE 5
SHEET 2 OF 2

RURAL F.A. PRIMARY ROUTE 5

Estimated Cost of Reconstructing to Present Standards

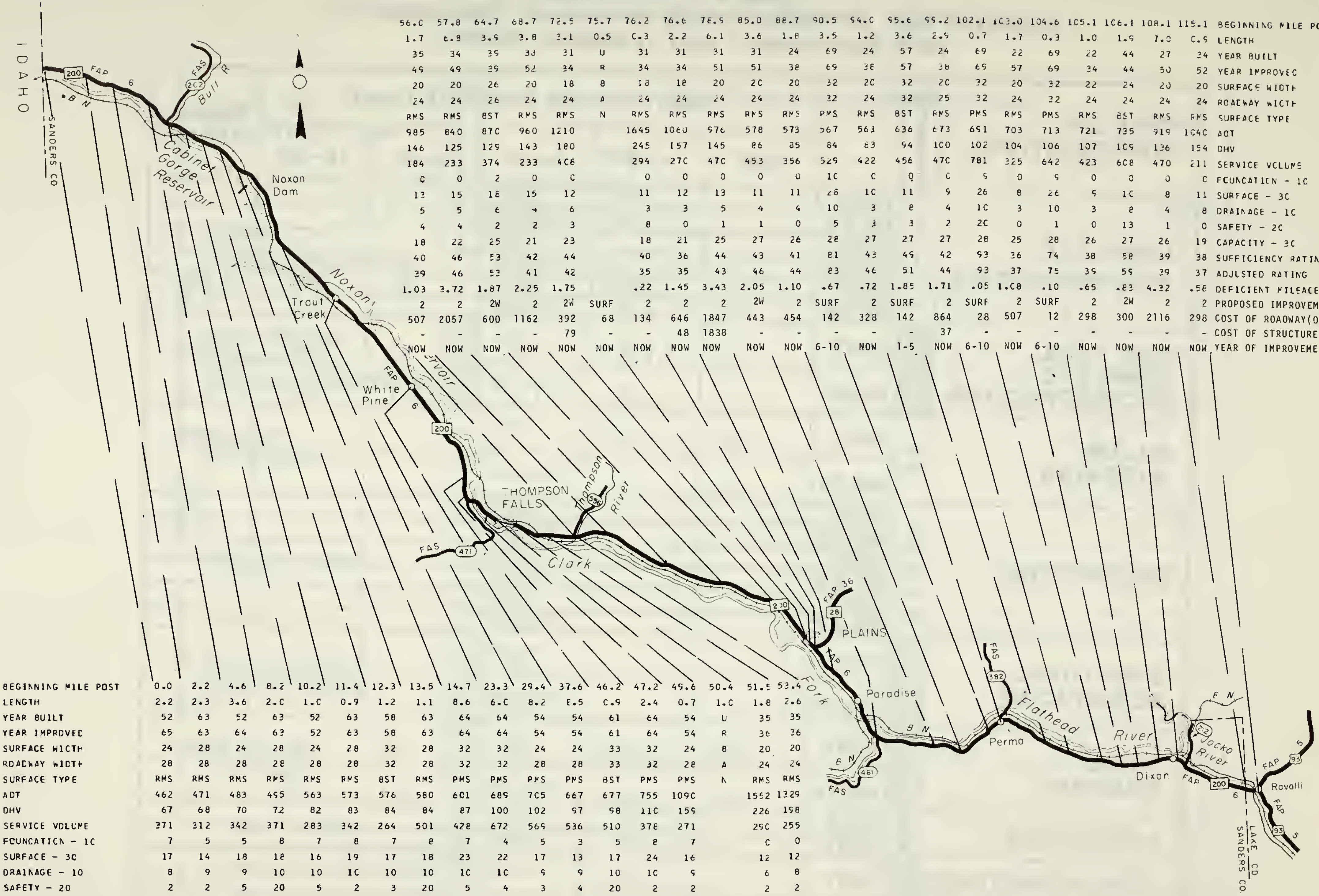
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	12,610					12,610
		MILES	39.0					39.0
	3	COST						
		MILES						
	4	COST	18,980	2,975	4,715	5,619	2,926	35,215
		MILES	45.5	6.2	10.5	15.5	6.4	84.1
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	31,590	2,975	4,715	5,619	2,926	47,825
		MILES	84.5	6.2	10.5	15.5	6.4	123.1
MAJOR WIDENING	2 W	COST	1,468				643	2,111
		MILES	12.2				0.7	12.9
RESURFACING	2	COST		15	1,537			1,552
		MILES		0.3	37.0			37.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		15	1,537			1,552
		MILES		0.3	37.0			37.3
TOTAL ROADWAY		COST	33,058	2,990	6,252	5,619	3,569	51,488
		MILES	96.7	6.5	47.5	15.5	7.1	173.3
STRUCTURES	2	COST	157		43			200
	4	COST	858				35	893
TOTAL STRUCTURES		COST	1,015		43		35	1,093
GRAND TOTAL		COST	34,073	2,990	6,295	5,619	3,604	52,581
		MILES	96.7	6.5	47.5	15.5	7.1	173.3

URBAN F.A. PRIMARY ROUTE 5
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST		2,135	751	63	320	3,269
		MILES		4.3	1.5	0.1	0.7	6.6
SUB-TOTAL COMPLETE RECONSTRUCTION		COST		2,135	751	63	320	3,269
		MILES		4.3	1.5	0.1	0.7	6.6
MAJOR WIDENING	2 W	COST	500					500
		MILES	1.5					1.5
RESURFACING	2	COST			80			80
		MILES			1.6			1.6
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST			80			80
		MILES			1.6			1.6
TOTAL ROADWAY		COST	500	2,135	831	63	320	3,849
		MILES	1.5	4.3	3.1	0.1	0.7	9.7
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	500	2,135	831	63	320	3,849
		MILES	1.5	4.3	3.1	0.1	0.7	9.7

56.0	57.8	64.7	68.7	72.5	75.7	76.2	76.6	78.9	85.0	88.7	90.5	94.0	95.6	99.2	102.1	103.0	104.6	105.1	106.1	108.1	115.1	BEGINNING MILE POST
1.7	6.9	3.9	3.8	3.1	0.5	0.3	2.2	6.1	3.6	1.8	3.5	1.2	3.6	2.9	0.7	1.7	0.3	1.0	1.9	7.0	0.9	LENGTH
35	34	39	38	31	U	31	31	31	31	24	69	24	57	24	69	22	69	22	44	27	34	YEAR BUILT
49	49	39	52	34	R	34	34	51	51	38	69	38	57	38	69	57	69	34	44	50	52	YEAR IMPROVED
20	20	26	20	18	B	18	18	20	20	20	32	20	32	20	32	20	32	22	24	20	20	SURFACE WIDTH
24	24	26	24	24	A	24	24	24	24	24	32	24	32	25	32	24	32	24	24	24	24	ROADWAY WIDTH
RMS	RMS	BST	RMS	RMS	N	RMS	RMS	RMS	RMS	RMS	PMS	RMS	BST	RMS	PMS	RMS	PMS	RMS	BST	RMS	RMS	SURFACE TYPE
985	840	870	960	1210		1645	1060	976	578	573	567	563	636	673	691	703	713	721	735	919	1040	ADT
146	125	129	143	180		245	157	145	86	85	84	83	94	100	102	104	106	107	109	136	154	DHV
184	233	374	233	408		294	270	470	453	356	529	422	456	470	781	325	642	423	608	470	211	SERVICE VOLUME
0	0	2	0	0		0	0	0	0	0	10	0	0	0	9	0	9	0	0	0	0	FOUNDATION - 10
13	15	18	15	12		11	12	13	11	11	28	10	11	9	26	8	26	9	10	8	11	SURFACE - 30
5	5	6	4	6		3	3	5	4	4	10	3	8	4	10	3	10	3	8	4	8	DRAINAGE - 10
4	4	2	2	3		8	0	1	1	0	5	3	3	2	20	0	1	0	13	1	0	SAFETY - 20
18	22	25	21	23		18	21	25	27	26	28	27	27	27	28	25	28	26	27	26	19	CAPACITY - 30
40	46	53	42	44		40	36	44	43	41	81	43	49	42	93	36	74	38	58	39	38	SUFFICIENCY RATING
39	46	53	41	42		35	35	43	46	44	83	46	51	44	93	37	75	39	59	39	37	ADJUSTED RATING
1.03	3.72	1.87	2.25	1.75		.22	1.45	3.43	2.05	1.10	.67	.72	1.85	1.71	.05	1.08	.10	.65	.83	4.32	.58	DEFICIENT MILEAGE
2	2	2W	2	2W	SURF	2	2	2	2W	2	SURF	2	SURF	2	SURF	2	SURF	2	2W	2	2	PROPOSED IMPROVEMENT
507	2057	600	1162	392	68	134	646	1847	443	454	142	328	142	864	28	507	12	298	300	2116	298	COST OF ROADWAY(000)
-	-	-	-	79	-	-	48	1838	-	-	-	-	-	37	-	-	-	-	-	-	-	COST OF STRUCTURES (000)
NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	6-10	NOW	1-5	NOW	6-10	NOW	6-10	NOW	NOW	NOW	NOW	YEAR OF IMPROVEMENT



BEGINNING MILE POST	0.0	2.2	4.6	8.2	10.2	11.4	12.3	13.5	14.7	23.3	29.4	37.6	46.2	47.2	49.6	50.4	51.5	53.4
LENGTH	2.2	2.3	3.6	2.0	1.0	0.9	1.2	1.1	8.6	6.0	8.2	8.5	0.9	2.4	0.7	1.0	1.8	2.6
YEAR BUILT	52	63	52	63	52	63	58	63	64	64	54	54	61	64	54	U	35	35
YEAR IMPROVED	65	63	64	63	52	63	58	63	64	64	54	54	61	64	54	R	36	36
SURFACE WIDTH	24	28	24	28	24	28	32	28	32	32	24	24	33	32	24	B	20	20
ROADWAY WIDTH	28	28	28	28	28	28	32	28	32	32	28	28	33	32	28	A	24	24
SURFACE TYPE	RMS	RMS	RMS	RMS	RMS	RMS	BST	RMS	PMS	PMS	PMS	PMS	BST	PMS	PMS	N	RMS	RMS
ADT	462	471	483	495	563	573	576	580	601	689	705	667	677	755	1090		1552	1329
DHV	67	68	70	72	82	83	84	84	87	100	102	97	98	110	159		226	198
SERVICE VOLUME	371	312	342	371	283	342	264	501	428	672	569	536	510	378	271		290	255
FOUNDATION - 10	7	5	5	8	7	8	7	8	7	4	5	3	5	8	7		0	0
SURFACE - 30	17	14	18	18	16	19	17	18	23	22	17	13	17	24	16		12	12
DRAINAGE - 10	8	9	9	10	10	10	10	10	10	10	9	9	10	10	9		6	8
SAFETY - 20	2	2	5	20	5	2	3	20	5	4	3	4	20	2	2		2	2
CAPACITY - 30	27	27	27	27	26	26	25	27	27	28	27	27	27	26	21		18	18
SUFFICIENCY RATING	61	57	64	83	64	65	62	83	72	68	61	56	79	70	55		38	40
ADJUSTED RATING	65	61	68	85	67	68	65	84	74	69	62	58	80	71	53		34	37
DEFICIENT MILEAGE	.88	1.01	1.30	.34	.39	.33	.46	.20	2.40	1.95	3.21	3.75	.20	.74	.35		1.16	1.60
PROPOSED IMPROVEMENT	SURF	SURF	2W	SURF	2	SURF	SURF	SURF	SURF	SURF	2W	2W	SURF	SURF	2	2W	2	2
COST OF ROADWAY (000)	95	99	380	86	120	42	58	45	429	493	936	959	40	76	417	218	979	902
COST OF STRUCTURES (000)	-	-	-	-	-	-	-	-	-	-	218	-	-	-	-	-	-	-
YEAR OF IMPROVEMENT	6-10	6-10	6-10	6-10	NOW	6-10	NOW	1-5	6-10	6-10	NOW	NOW	NOW	6-10	NOW	1-5	NOW	NOW

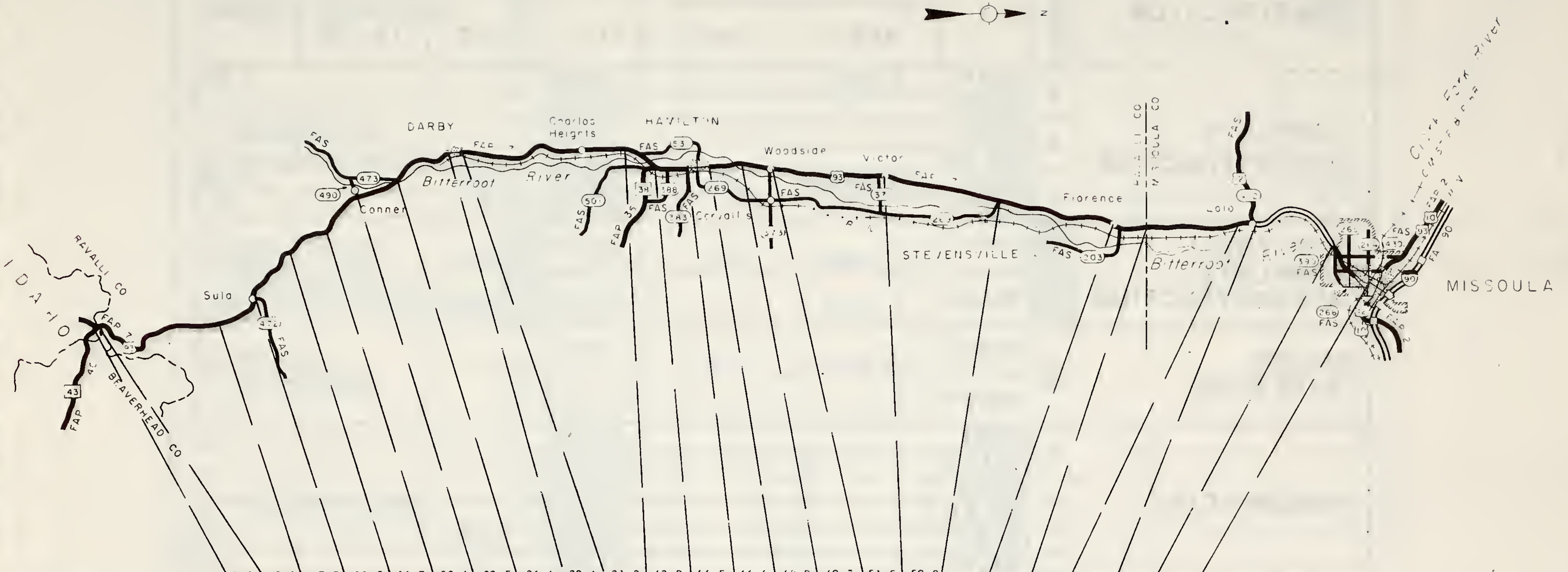
FAP ROUTE NO 6
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 6
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	13,636					13,636
		MILES	43.5					43.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	13,636					13,636
		MILES	43.5					43.5
MAJOR WIDENING	2 W	COST	3,630		380			4,010
		MILES	29.2		3.6			32.8
RESURFACING	2	COST	98	187	1,502			1,787
		MILES	2.1	4.7	28.9			35.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	98	187	1,502			1,787
		MILES	2.1	4.7	28.9			35.7
TOTAL ROADWAY		COST	17,364	187	1,882			19,433
		MILES	74.8	4.7	32.5			112.0
STRUCTURES	2	COST	2,220					2,220
	4	COST						
TOTAL STRUCTURES		COST	2,220					2,220
GRAND TOTAL		COST	19,584	187	1,882			21,653
		MILES	74.8	4.7	32.5			112.0

URBAN F.A. PRIMARY ROUTE 6
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST		218				218
		MILES		1.0				1.0
RESURFACING	2	COST	68					68
		MILES	0.5					0.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	68					68
		MILES	0.5					0.5
TOTAL ROADWAY		COST	68	218				286
		MILES	0.5	1.0				1.5
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	68	218				286
		MILES	0.5	1.0				1.5



BEGINNING MILE POST	0.0	0.1	7.5	13.5	16.7	20.4	23.5	26.4	30.4	31.2	43.0	44.5	46.5	48.0	49.7	51.9	59.0	66.7	73.5	76.8	82.7	83.2	90.1	BEGINNING MILE POST
LENGTH	0.1	7.4	6.0	3.3	3.5	3.0	2.9	4.0	0.8	11.7	1.5	2.0	1.3	1.7	2.2	7.0	7.7	6.7	3.2	6.0	0.4	6.8	4.1	LENGTH
YEAR BUILT	40	40	40	36	37	37	36	36	U	34	49	34	U	40	53	53	56	56	U	U	68	68	U	YEAR BUILT
YEAR IMPROVED	40	40	40	39	39	39	36	59	R	35	49	59	R	40	53	53	61	61	N	N	68	68	R	YEAR IMPROVED
SURFACE WIDTH	22	22	24	24	24	24	22	22	B	18	30	22	B	24	24	24	32	32	D C	D C	44	68	B	SURFACE WIDTH
ROADWAY WIDTH	22	22	24	24	24	24	25	26	A	24	30	24	A	30	32	32	32	32	E O	E O	44	68	A	ROADWAY WIDTH
SURFACE TYPE	BST	BST	BST	BST	BST	BST	RMS	RMS	N	RMS	BST	RMS	N	RMS	RMS	RMS	PMS	PMS	R N	R N	PMS	PMS	N	SURFACE TYPE
ADT	637	658	704	769	801	844	961	1677		2079	2520	3610		4065	3007	2459	2445	2791	S	S	5331	6273		ADT
DHV	82	85	91	99	104	109	124	218		270	327	469		528	390	319	317	362	T	T	693	815		DHV
SERVICE VOLUME	329	329	248	235	235	220	273	264		251	345	627		830	696	656	774	720	R	R	192	1800		SERVICE VOLUME
FOUNDATION - 10	0	0	0	0	0	0	0	0		0	4	0		0	4	5	10	10	U	U	10	10		FOUNDATION - 10
SURFACE - 30	13	13	9	12	13	14	11	11		12	15	10		10	13	16	25	25	C	C	30	28		SURFACE - 30
DRAINAGE - 10	5	5	6	7	7	7	6	6		6	9	4		4	10	10	10	10	T	T	10	10		DRAINAGE - 10
SAFETY - 20	0	1	6	2	2	2	2	1		2	1	2		2	6	3	4	6	I	I	10	6		SAFETY - 20
CAPACITY - 30	26	26	24	24	23	23	23	18		14	16	19		20	22	23	24	22	O	O	0	23		CAPACITY - 30
SUFFICIENCY RATING	44	45	45	45	45	46	42	36		34	45	35		36	55	57	73	73	N	N	60	77		SUFFICIENCY RATING
ADJUSTED RATING	46	47	46	46	46	46	41	31		28	37	25		26	46	49	67	66			47	67		ADJUSTED RATING
DEFICIENT MILEAGE	.05	4.08	3.30	1.86	1.94	1.66	1.70	2.56		7.75	.82	1.33		1.10	1.01	3.02	2.08	1.82			.19	1.58		DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	2	2W	2W	2W	2W	2W	2W	2W	4	4	4	4	4	4	4	4	4	-	-	4	SURF	4	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	40	2904	1126	702	743	582	515	710	148	7419	687	960	908	777	1052	3201	2360	1607			320	634	3000	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	-	145	134	134	-	267	275	-	804	541	103	-	772	179	408	658	-			94	-	-	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	11-15	6-10			11-15	11-15	1-5	YEAR OF IMPROVEMENT

FAP ROUTE NO 7
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 7

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

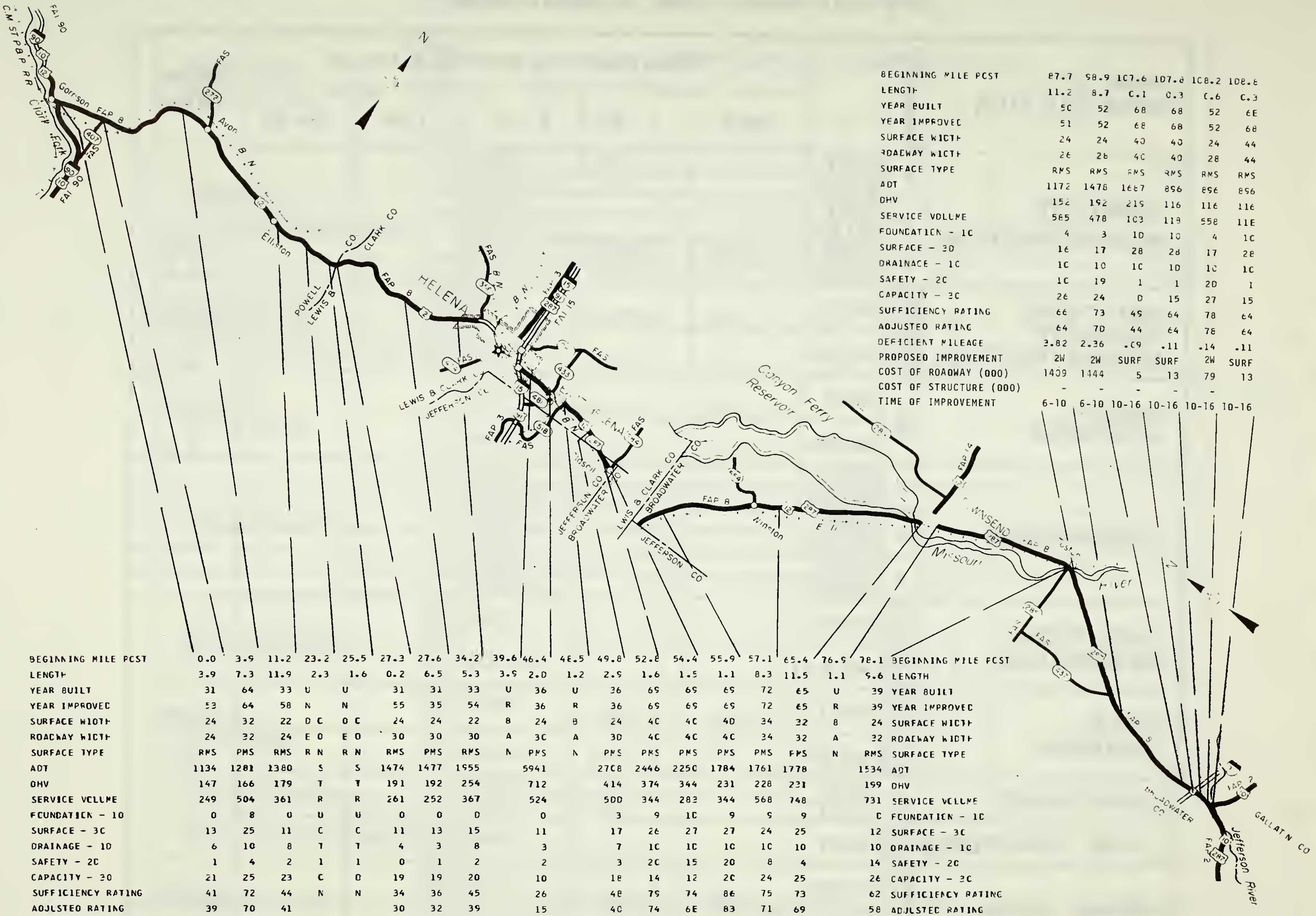
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	2,944					2,944
		MILES	7.5					7.5
	3	COST						
		MILES						
	4	COST	14,096		1,607	2,680		18,383
		MILES	26.1		6.7	8.1		40.9
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	17,040		1,607	2,680		21,327
		MILES	33.6		6.7	8.1		48.4
MAJOR WIDENING	2 W	COST	4,378					4,378
		MILES	22.7					22.7
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST				634		634
		MILES				6.8		6.8
SUB-TOTAL RESURFACING		COST				634		634
		MILES				6.8		6.8
TOTAL ROADWAY		COST	21,418		1,607	3,314		26,339
		MILES	56.3		6.7	14.9		77.9
STRUCTURES	2	COST	955					955
	4	COST	2,807			752		3,559
TOTAL STRUCTURES		COST	3,762			752		4,514
GRAND TOTAL		COST	25,180		1,607	4,066		30,853
		MILES	56.3		6.7	14.9		77.9

URBAN F.A. PRIMARY ROUTE 7

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST	908	3,000				3,908
		MILES	1.3	4.1				5.4
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	908	3,000				3,908
		MILES	1.3	4.1				5.4
MAJOR WIDENING	2 W	COST	148					148
		MILES	0.8					0.8
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	1,056	3,000				4,056
		MILES	2.1	4.1				6.2
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	1,056	3,000				4,056
		MILES	2.1	4.1				6.2



BEGINNING MILE POST	87.7	98.9	107.6	107.8	108.2	108.6
LENGTH	11.2	8.7	0.1	0.3	0.6	0.3
YEAR BUILT	50	52	68	68	52	68
YEAR IMPROVED	51	52	68	68	52	68
SURFACE WIDTH	24	24	40	40	24	44
ROADWAY WIDTH	26	26	40	40	28	44
SURFACE TYPE	RMS	RMS	RMS	RMS	RMS	RMS
ADT	1172	1478	1667	896	896	896
DHV	152	192	219	116	116	116
SERVICE VOLUME	585	478	103	118	558	118
FOUNDATION - 10	4	3	10	10	4	10
SURFACE - 30	16	17	28	28	17	28
DRAINAGE - 10	10	10	10	10	10	10
SAFETY - 20	10	19	1	1	20	1
CAPACITY - 30	26	24	0	15	27	15
SUFFICIENCY RATING	66	73	49	64	78	64
ADJUSTED RATING	64	70	44	64	78	64
DEFICIENT MILEAGE	3.82	2.36	.09	.11	.14	.11
PROPOSED IMPROVEMENT	2W	2W	SURF	SURF	2W	SURF
COST OF ROADWAY (000)	1409	1444	5	13	79	13
COST OF STRUCTURE (000)	-	-	-	-	-	
TIME OF IMPROVEMENT	6-10	6-10	10-16	10-16	10-16	10-16

BEGINNING MILE POST	0.0	3.9	11.2	23.2	25.5	27.3	27.6	34.2	39.6	46.4	48.5	49.8	52.8	54.4	55.9	57.1	65.4	76.9	78.1	BEGINNING MILE POST
LENGTH	3.9	7.3	11.9	2.3	1.6	0.2	6.5	5.3	3.9	2.0	1.2	2.9	1.6	1.5	1.1	8.3	11.5	1.1	9.6	LENGTH
YEAR BUILT	31	64	33	U	U	31	31	33	U	36	U	36	69	69	69	72	65	U	39	YEAR BUILT
YEAR IMPROVED	53	64	58	N	N	55	35	54	R	36	R	36	69	69	69	72	65	R	39	YEAR IMPROVED
SURFACE WIDTH	24	32	22	D C	D C	24	24	22	B	24	B	24	40	40	40	34	32	B	24	SURFACE WIDTH
ROADWAY WIDTH	24	32	24	E O	E O	30	30	30	A	30	A	30	40	40	40	34	32	A	32	ROADWAY WIDTH
SURFACE TYPE	RMS	PMS	RMS	R N	R N	RMS	PMS	RMS	N	PMS	N	PMS	PMS	PMS	PMS	PMS	PMS	N	RMS	SURFACE TYPE
ADT	1134	1281	1380	S	S	1474	1477	1955		5941		2708	2446	2250	1784	1761	1778		1534	ADT
DHV	147	166	179	T	T	191	192	254		712		414	374	344	231	228	231		199	DHV
SERVICE VOLUME	249	504	361	R	R	261	252	367		524		500	344	283	344	568	748		731	SERVICE VOLUME
FOUNDATION - 10	0	8	0	U	U	0	0	0		0		3	9	10	9	9	9		0	FOUNDATION - 10
SURFACE - 30	13	25	11	C	C	11	13	15		11		17	26	27	27	24	25		12	SURFACE - 30
DRAINAGE - 10	6	10	8	T	T	4	3	8		3		7	10	10	10	10	10		10	DRAINAGE - 10
SAFETY - 20	1	4	2	I	I	0	1	2		2		3	20	15	20	8	4		14	SAFETY - 20
CAPACITY - 30	21	25	23	C	O	19	19	20		10		18	14	12	20	24	25		26	CAPACITY - 30
SUFFICIENCY RATING	41	72	44	N	N	34	36	45		26		48	79	74	86	75	73		62	SUFFICIENCY RATING
ADJUSTED RATING	39	70	41			30	32	39		15		40	74	68	83	71	69		58	ADJUSTED RATING
DEFICIENT MILEAGE	2.30	2.06	6.68			.19	4.20	2.93		1.54		1.54	.35	.39	.15	2.07	3.11		3.67	DEFICIENT MILEAGE
PROPOSED IMPROVEMENTS	2	SURF	2W	-	-	4	4	4	4	4	4	4	4	4	SURF	SURF	SURF	2	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	1312	295	2234			155	5311	3616	1268	1570	1135	1870	778	730	55	350	457	290	1145	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	-	270			-	-	184	-	576	106	-	-	-	-	-	705	-	136	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	NOW	6-10	NOW			NOW	NOW	NOW	1-5	NOW	NOW	NOW	16-20	16-20	16-20	16-20	6-10	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE 8
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 8

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

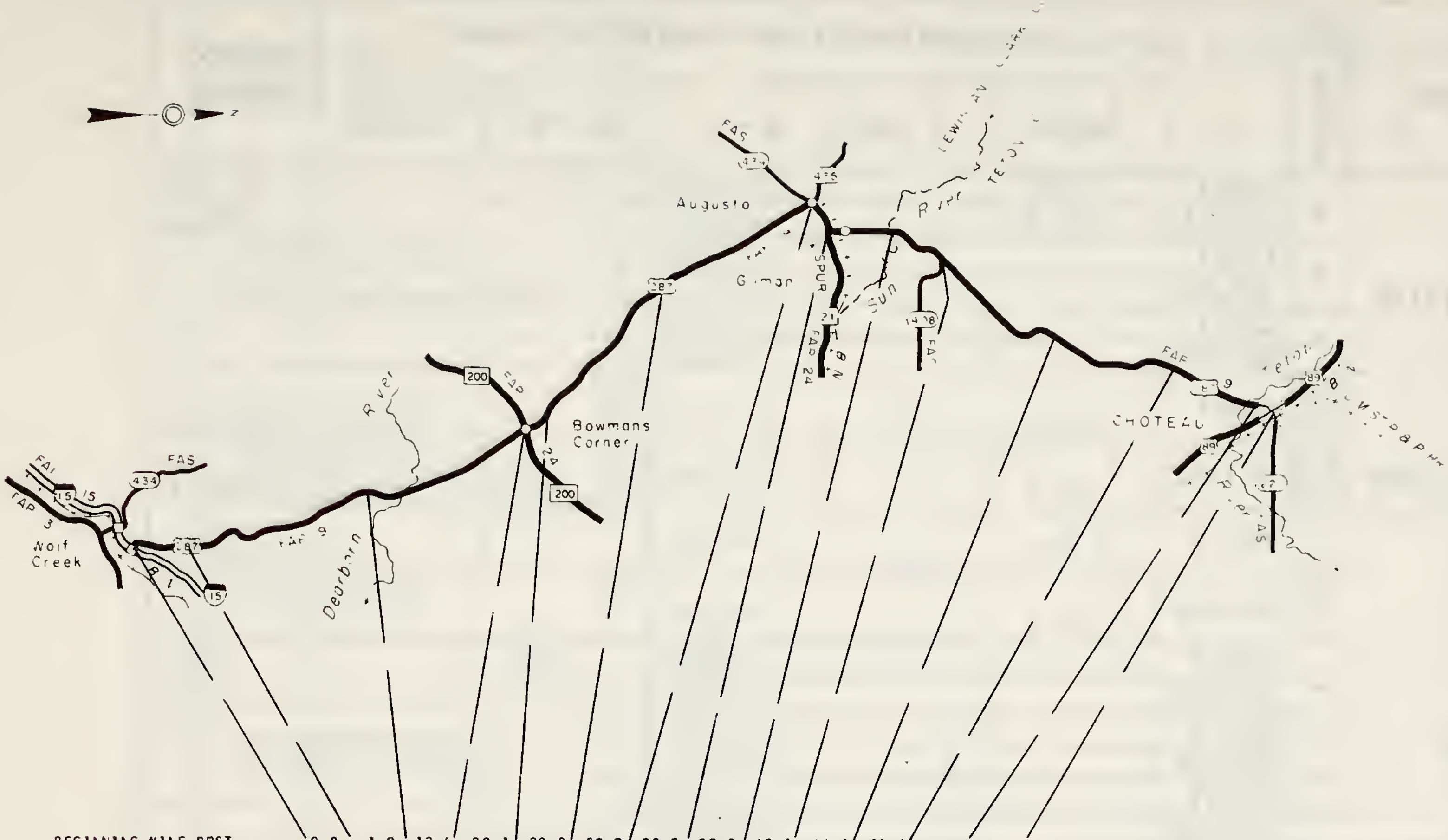
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	1,312					1,312
		MILES	3.9					3.9
	3	COST						
		MILES						
	4	COST	12,522				1,508	14,030
		MILES	16.9				3.1	20.0
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	13,834				1,508	15,342
		MILES	20.8				3.1	23.9
MAJOR WIDENING	2 W	COST	3,379					3,379
		MILES	21.5					21.5
RESURFACING	2	COST			752		405	1,157
		MILES			18.8		9.4	28.2
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST			752		405	1,157
		MILES			18.8		9.4	28.2
TOTAL ROADWAY		COST	17,213		752		1,913	19,878
		MILES	42.3		18.8		12.5	73.6
STRUCTURES	2	COST	406		705			1,111
	4	COST	760					760
TOTAL STRUCTURES		COST	1,166		705			1,871
GRAND TOTAL		COST	18,379		1,457		1,913	21,749
		MILES	42.3		18.8		12.5	73.6

URBAN F.A. PRIMARY ROUTE 8

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	290					290
		MILES	1.1					1.1
	3	COST						
		MILES						
	4	COST	1,135	1,268				2,403
		MILES	1.2	3.9				5.1
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,425	1,268				2,693
		MILES	2.3	3.9				6.2
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	1,425	1,268				2,693
		MILES	2.3	3.9				6.2
STRUCTURES	2	COST						
	4	COST	106					106
TOTAL STRUCTURES		COST	106					106
GRAND TOTAL		COST	1,531	1,268				2,799
		MILES	2.3	3.9				6.2



BEGINNING MILE POST	0.0	1.9	12.4	20.1	20.8	29.3	38.5	39.8	43.1	46.0	53.8	60.0	64.0	BEGINNING MILE POST
LENGTH	2.2	10.4	7.7	0.7	8.4	5.0	1.3	3.2	2.8	7.8	6.1	4.0	0.7	LENGTH
YEAR BUILT	67	59	63	63	32	32	35	35	35	35	36	36	U	YEAR BUILT
YEAR IMPROVED	67	59	63	63	36	36	36	36	35	35	36	36	R	YEAR IMPROVED
SURFACE WIDTH	32	32	32	32	20	20	22	22	20	20	22	22	B	SURFACE WIDTH
ROADWAY WIDTH	32	32	32	32	24	24	24	24	24	24	25	25	A	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	PMS	PMS	BST	BST	RMS	RMS	RMS	RMS	RMS	RMS	N	SURFACE TYPE
ADT	297	285	258	316	303	309	808	490	484	360	391	606		ADT
DHV	47	45	41	50	48	49	129	78	77	57	62	96		DHV
SERVICE VOLUME	722	482	511	411	535	240	3158	319	237	286	324	486		SERVICE VOLUME
FOUNDATION - 10	9	7	5	8	0	0	0	0	0	0	0	0		FOUNDATION - 10
SURFACE - 30	27	23	21	24	10	14	14	12	11	13	14	15		SURFACE - 30
DRAINAGE - 10	10	10	10	10	7	7	7	8	8	8	8	8		DRAINAGE - 10
SAFETY - 20	2	6	8	2	2	1	1	2	1	1	1	6		SAFETY - 20
CAPACITY - 30	29	29	29	28	29	27	29	26	25	27	27	27		CAPACITY - 30
SUFFICIENCY RATING	77	75	73	72	48	49	51	48	45	49	50	56		SUFFICIENCY RATING
ADJUSTED RATING	82	81	80	78	56	57	51	52	49	55	56	59		ADJUSTED RATING
DEFICIENT MILEAGE	.50	2.61	2.09	.20	4.40	4.63	.65	1.68	1.56	4.00	3.06	1.76	.	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF	2	2	2W	2W	2	2W	2	2W	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	90	415	308	28	1732	1853	302	403	625	853	1285	426	234	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	-	-	-	23	67	-	-	45	57	33	114	-	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	10-16	6-10	6-10	6-10	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	YEAR OF IMPROVEMENT

FAP ROUTE NO 9
SHEET 1 OF 1

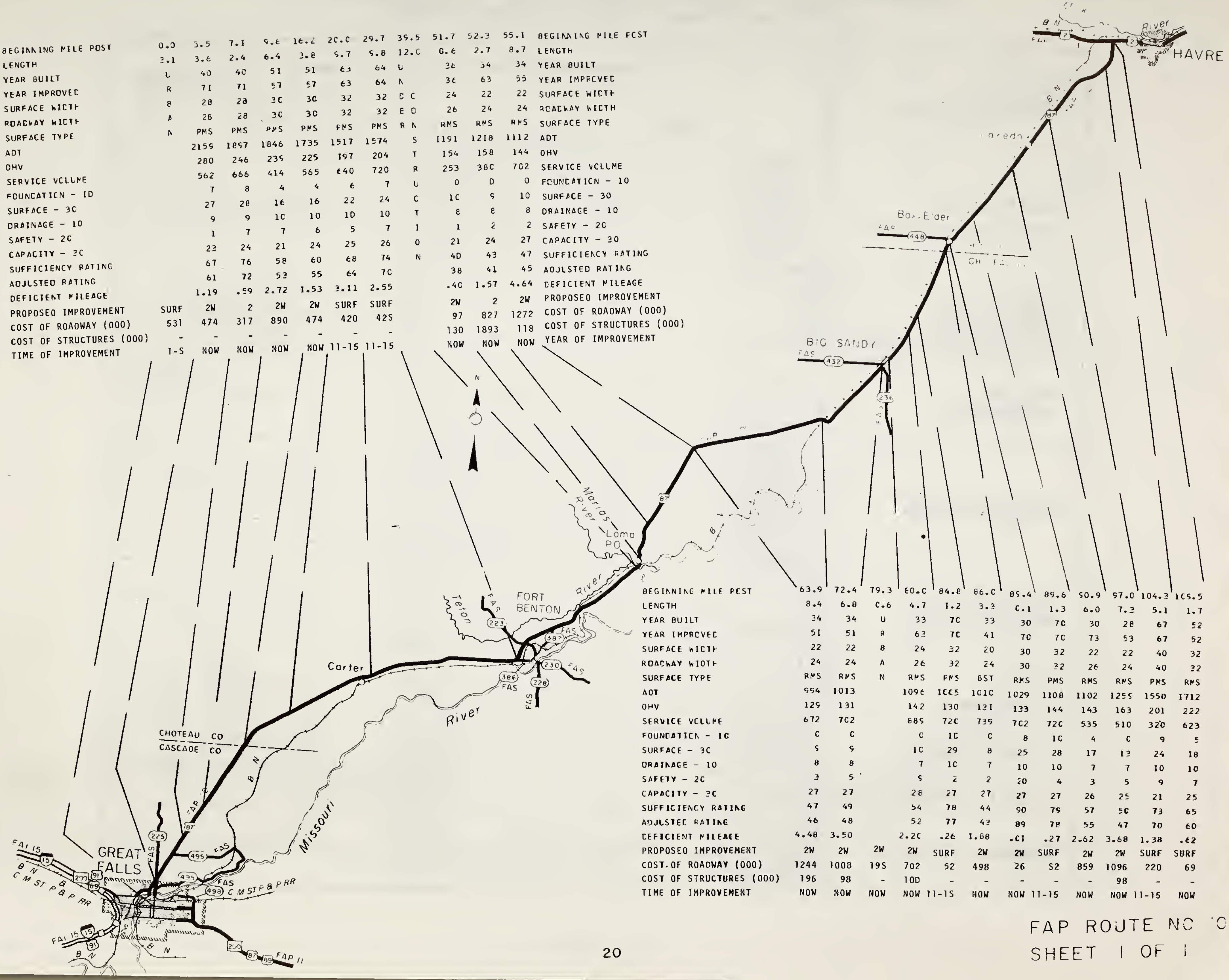
RURAL F.A. PRIMARY ROUTE 9
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	5,495					5,495
		MILES	26.3					26.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	5,495					5,495
		MILES	26.3					26.3
MAJOR WIDENING	2 W	COST	1,984					1,984
		MILES	16.3					16.3
RESURFACING	2	COST			751	90		841
		MILES			18.8	2.2		21.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST			751	90		841
		MILES			18.8	2.2		21.0
TOTAL ROADWAY		COST	7,479		751	90		8,320
		MILES	42.6		18.8	2.2		63.6
STRUCTURES	2	COST	339					339
	4	COST						
TOTAL STRUCTURES		COST	339					339
GRAND TOTAL		COST	7,818		751	90		8,659
		MILES	42.6		18.8	2.2		63.6

URBAN F.A. PRIMARY ROUTE 9
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	234					234
		MILES	0.7					0.7
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	234					234
		MILES	0.7					0.7
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	234					234
		MILES	0.7					0.7

BEGINNING MILE POST	0.0	3.5	7.1	9.6	16.2	20.0	29.7	39.5	51.7	52.3	55.1	BEGINNING MILE POST
LENGTH	2.1	3.6	2.4	6.4	3.8	9.7	9.8	12.0	0.6	2.7	8.7	LENGTH
YEAR BUILT	U	40	40	51	51	63	64	U	36	34	34	YEAR BUILT
YEAR IMPROVED	R	71	71	57	57	63	64	N	36	63	55	YEAR IMPROVED
SURFACE WIDTH	B	28	28	30	30	32	32	D C	24	22	22	SURFACE WIDTH
ROADWAY WIDTH	A	28	28	30	30	32	32	E O	26	24	24	ROADWAY WIDTH
SURFACE TYPE	N	PMS	PMS	PMS	PMS	PMS	PMS	R N	RMS	RMS	RMS	SURFACE TYPE
ADT		2159	1857	1846	1735	1517	1574	S	1191	1218	1112	ADT
DHV		280	246	235	225	197	204	T	154	158	144	DHV
SERVICE VOLUME		562	666	414	565	640	720	R	253	380	702	SERVICE VOLUME
FOUNDATION - 10		7	8	4	4	6	7	U	0	0	0	FOUNDATION - 10
SURFACE - 30		27	28	16	16	22	24	C	10	9	10	SURFACE - 30
DRAINAGE - 10		9	9	10	10	10	10	T	8	8	8	DRAINAGE - 10
SAFETY - 20		1	7	7	6	5	7	I	1	2	2	SAFETY - 20
CAPACITY - 30		23	24	21	24	25	26	O	21	24	27	CAPACITY - 30
SUFFICIENCY RATING		67	76	58	60	68	74	N	40	43	47	SUFFICIENCY RATING
ADJUSTED RATING		61	72	53	55	64	70		38	41	45	ADJUSTED RATING
DEFICIENT MILEAGE		1.19	.59	2.72	1.53	3.11	2.55		.40	1.57	4.64	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	2W	2	2W	2W	SURF	SURF		2W	2	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	531	474	317	890	474	420	425		97	827	1272	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	-	-	-	-	-	-		130	1893	118	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	1-5	NOW	NOW	NOW	NOW	11-15	11-15		NOW	NOW	NOW	YEAR OF IMPROVEMENT



BEGINNING MILE POST	63.9	72.4	79.3	80.0	84.8	86.0	89.4	89.6	90.9	97.0	104.3	109.5
LENGTH	8.4	6.8	0.6	4.7	1.2	3.3	0.1	1.3	6.0	7.3	5.1	1.7
YEAR BUILT	34	34	U	33	70	33	30	70	30	28	67	52
YEAR IMPROVED	51	51	R	63	70	41	70	70	73	53	67	52
SURFACE WIDTH	22	22	B	24	32	20	30	32	22	22	40	32
ROADWAY WIDTH	24	24	A	26	32	24	30	32	26	24	40	32
SURFACE TYPE	RMS	RMS	N	RMS	PMS	BST	RMS	PMS	RMS	RMS	PMS	RMS
ADT	994	1013		1096	1005	1010	1029	1108	1102	1259	1550	1712
DHV	129	131		142	130	131	133	144	143	163	201	222
SERVICE VOLUME	672	702		689	720	739	702	720	535	510	320	623
FOUNDATION - 10	0	0		0	10	0	8	10	4	0	9	5
SURFACE - 30	9	9		10	29	8	25	28	17	13	24	18
DRAINAGE - 10	8	8		7	10	7	10	10	7	7	10	10
SAFETY - 20	3	5		9	2	2	20	4	3	5	9	7
CAPACITY - 30	27	27		28	27	27	27	27	26	25	21	25
SUFFICIENCY RATING	47	49		54	78	44	90	79	57	50	73	65
ADJUSTED RATING	46	48		52	77	43	89	78	55	47	70	60
DEFICIENT MILEAGE	4.48	3.50		2.20	.26	1.88	.01	.27	2.62	3.68	1.38	.62
PROPOSED IMPROVEMENT	2W	2W	2W	2W	SURF	2W	2W	SURF	2W	2W	SURF	SURF
COST OF ROADWAY (000)	1244	1008	195	702	52	498	26	52	859	1096	220	69
COST OF STRUCTURES (000)	196	98	-	100	-	-	-	-	-	98	-	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	11-15	NOW	NOW	11-15	NOW	NOW	11-15	NOW

FAP ROUTE NO 10

SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 10
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

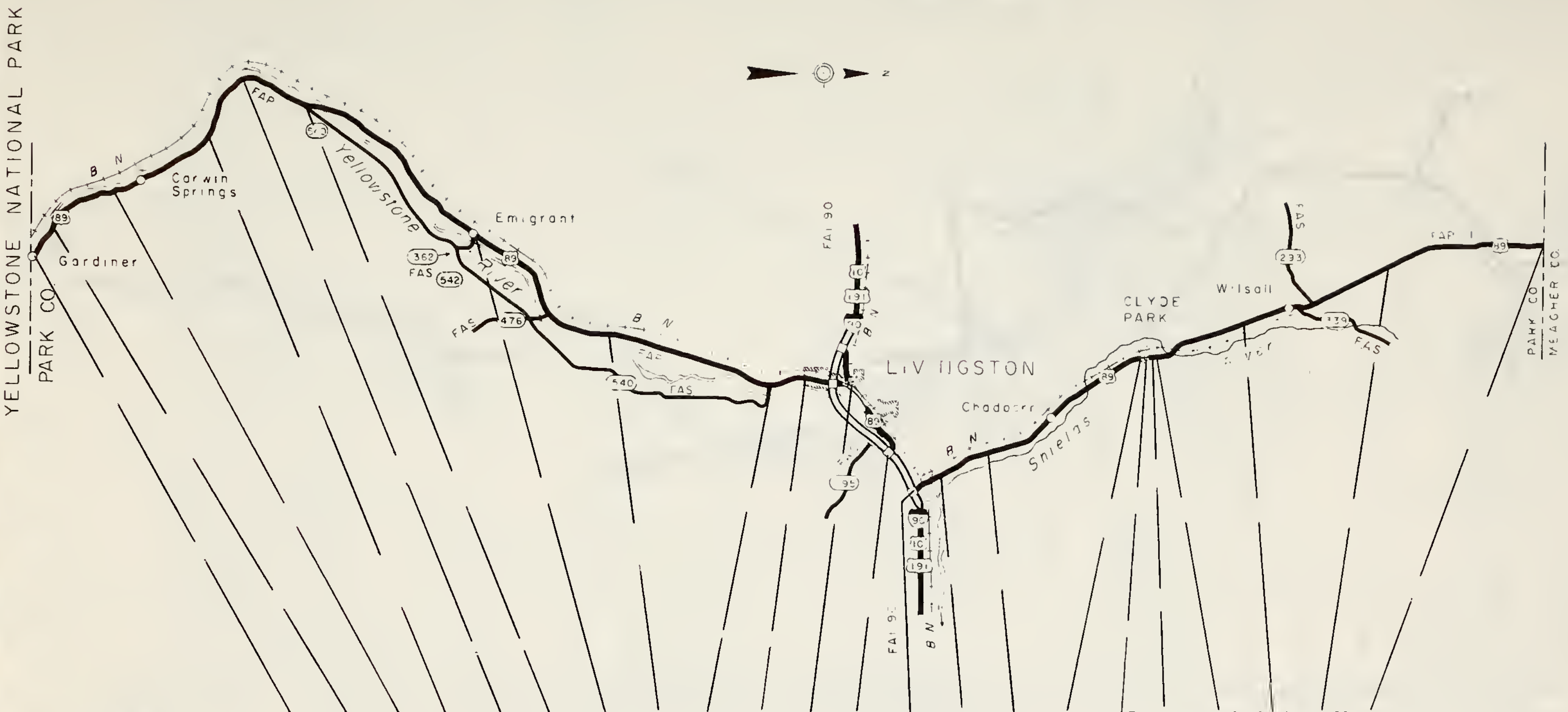
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	1,144					1,144
		MILES	5.1					5.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,144					1,144
		MILES	5.1					5.1
MAJOR WIDENING	2 W	COST	8,640					8,640
		MILES	59.7					59.7
RESURFACING	2	COST	69			1,169		1,238
		MILES	1.7			27.1		28.8
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	69			1,169		1,238
		MILES	1.7			27.1		28.8
TOTAL ROADWAY		COST	9,853			1,169		11,022
		MILES	66.5			27.1		93.6
STRUCTURES	2	COST	2,633					2,633
	4	COST						
TOTAL STRUCTURES		COST	2,633					2,633
GRAND TOTAL		COST	12,486			1,169		13,655
		MILES	66.5			27.1		93.6

URBAN F.A. PRIMARY ROUTE 10

Estimated Cost of Reconstructing to Present Standards

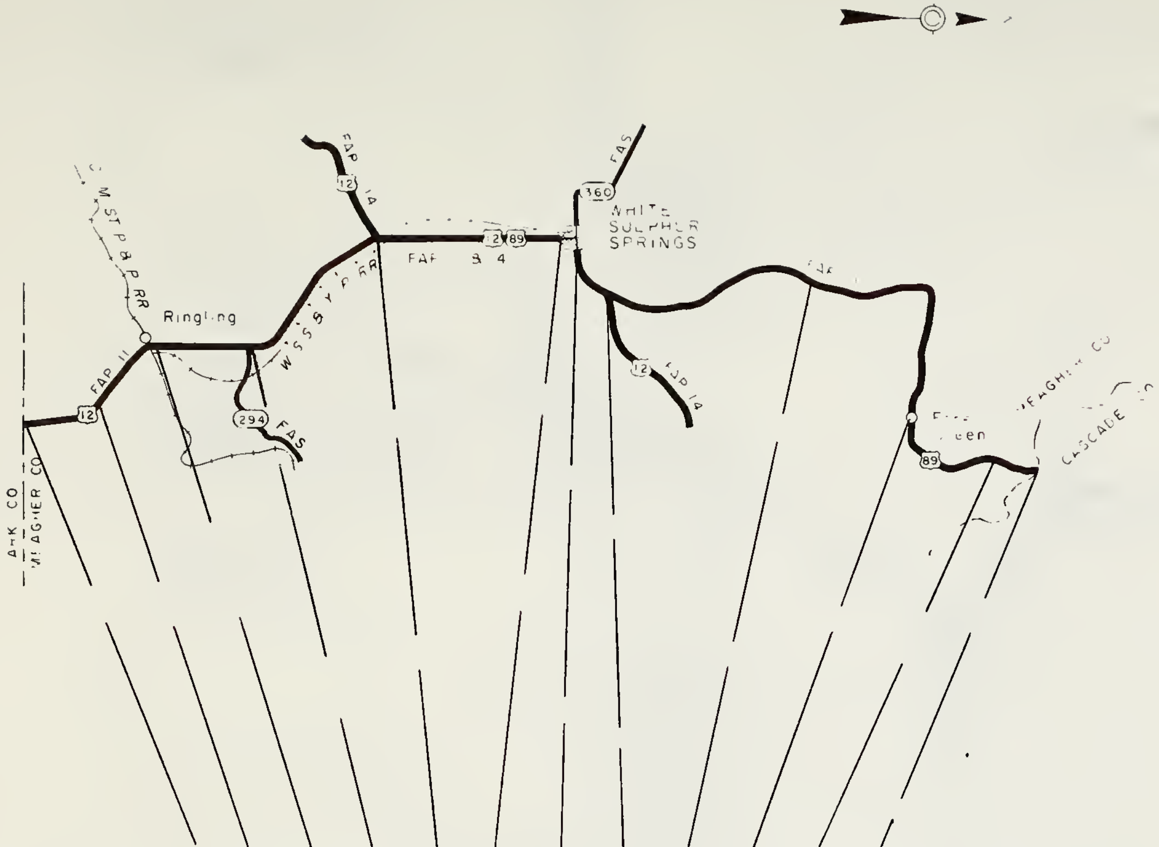
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	195					195
		MILES	0.6					0.6
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST		531				531
		MILES		3.1				3.1
SUB-TOTAL RESURFACING		COST		531				531
		MILES		3.1				3.1
TOTAL ROADWAY		COST	195	531				726
		MILES	0.6	3.1				3.7
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	195	531				726
		MILES	0.6	3.1				3.7



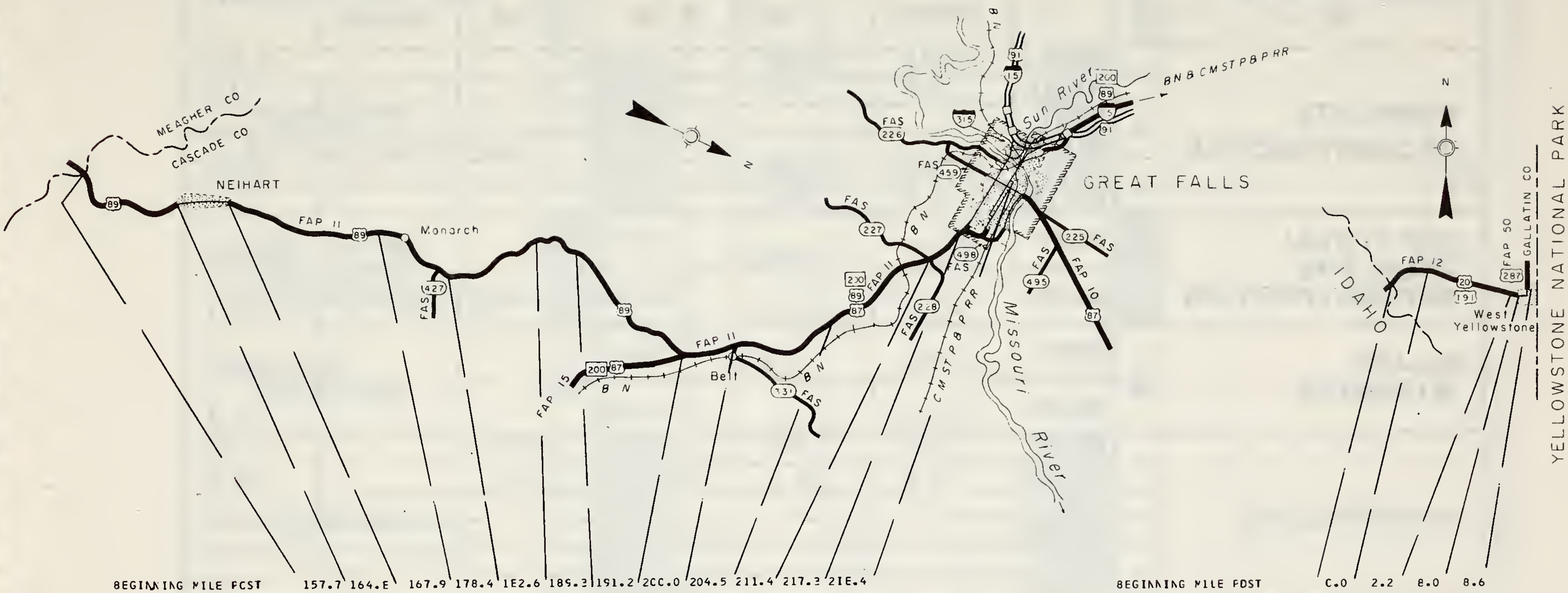
BEGINNING MILE POST	0.0	1.3	5.5	10.8	16.6	19.3	30.9	40.7	49.9	51.8	54.1	57.9	60.4	62.2	64.5	74.9	75.3	75.3	75.4	80.4	89.6	BEGINNING MILE POST
LENGTH	1.3	4.3	5.1	5.7	2.7	11.6	9.7	9.1	1.8	2.3	3.8	2.5	1.7	2.2	10.2	0.4	0.1	0.1	5.0	8.9	8.3	LENGTH
YEAR BUILT	U	71	69	69	61	61	61	65	61	U	34	C	55	41	41	U	38	U	38	U	U	YEAR BUILT
YEAR IMPROVED	N	71	69	69	61	61	61	65	61	R	34	C	55	41	41	R	38	R	38	N	N	YEAR IMPROVED
SURFACE WIDTH		34	34	32	32	32	32	32	32	B	20	I	24	20	20	B	20	B	20	D C	D C	SURFACE WIDTH
ROADWAY WIDTH	O C	34	34	32	32	32	32	32	32	A	24	N	36	24	24	A	24	A	24	E O	E O	ROADWAY WIDTH
SURFACE TYPE	E O	PMS	PMS	BST	PMS	PMS	PMS	PMS	PMS	N	PMS	C	RMS	RMS	RMS	N	RMS	N	RMS	R N	R N	SURFACE TYPE
ADT	R N	779	708	707	709	795	982	1131	2088		2282	I	1142	1017	893		669		657	S	S	ADT
DHV		167	152	152	152	170	211	243	448		296	O	171	152	133		100		98	T	T	DHV
SERVICE VOLUME	S	511	596	546	748	748	748	748	748		610	E	536	421	400		582		608	R	R	SERVICE VOLUME
FOUNDATION - 10	T	10	10	10	10	9	9	9	9		0	N	7	0	0		0		0	U	U	FOUNDATION - 10
SURFACE - 30	R	28	28	28	28	27	27	28	25		15	T	18	15	14		11		9	C	C	SURFACE - 30
DRAINAGE - 10		10	10	10	10	10	10	10	10		7		10	9	9		8		8	T	T	DRAINAGE - 10
SAFETY - 20	U	9	6	2	8	6	6	3	19		2		4	9	4		20		3	I	I	SAFETY - 20
CAPACITY - 30	C	25	26	26	27	27	26	25	21		23		25	25	25		27		28	O	O	CAPACITY - 30
SUFFICIENCY RATING	T	82	80	76	83	79	78	75	84		47		64	58	52		66		48	N	N	SUFFICIENCY RATING
ADJUSTED RATING		82	81	77	84	79	77	73	80		40		62	57	52		68		50			ADJUSTED RATING
DEFICIENT MILEAGE	I	.77	1.02	1.38	.46	2.43	2.13	2.29	.30		1.10		.63	.96	4.91		.02		2.62			DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	O	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	NONE	2		2W	2W	2W	2W	2W	2W	2	NONE	NONE	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	N	182	215	230	107	461	386	390	76	-	1363		155	290	1288	162	10	10	533	-	-	COST OF ROADWAY (000)
COST OF STRUCTURES (000)		-	-	-	-	-	-	-	-	-	705		-	-	153	-	-	-	68	-	-	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT		11-15	11-15	11-15	1-5	1-5	1-5	6-10	1-5	-	1-5		NOW	NOW	NOW	NOW	NOW	NOW	NOW	-	-	TIME OF IMPROVEMENT

FAP ROUTE NO 11
SHEET 1 OF 3



BEGINNING MILE POST	98.0	100.7	105.3	109.4	117.5	125.6	126.7	129.1	138.7	146.0	154.3	BEGINNING MILE POST
LENGTH	2.7	4.6	4.1	8.0	8.1	0.9	2.4	9.5	7.3	8.3	3.3	LENGTH
YEAR BUILT	42	31	36	36	33	U	65	55	59	59	59	YEAR BUILT
YEAR IMPROVED	52	73	47	63	36	R	65	69	63	63	63	YEAR IMPROVED
SURFACE WIDTH	24	22	24	22	20	B	40	28	26	26	40	SURFACE WIDTH
ROADWAY WIDTH	24	24	24	24	24	A	40	28	26	26	40	ROADWAY WIDTH
SURFACE TYPE	RMS	RMS	RMS	RMS	RMS	N	PMS	PMS	PMS	PMS	PMS	SURFACE TYPE
ADT	249	252	258	269	707		813	381	381	386	392	ADT
OHV	37	37	38	40	106		121	57	57	57	58	OHV
SERVICE VOLUME	838	282	805	642	453		296	416	372	372	963	SERVICE VOLUME
FOUNDATION - 10	0	0	0	0	0		9	10	8	8	7	FOUNDATION - 10
SURFACE - 30	10	12	8	10	13		23	30	23	24	21	SURFACE - 30
DRAINAGE - 10	8	6	8	8	8		10	10	10	10	10	DRAINAGE - 10
SAFETY - 20	20	2	1	1	3		5	3	5	3	1	SAFETY - 20
CAPACITY - 30	29	28	29	29	26		24	28	28	28	29	CAPACITY - 30
SUFFICIENCY RATING	67	48	46	48	50		71	81	74	73	68	SUFFICIENCY RATING
ADJUSTED RATING	75	57	55	57	51		71	84	78	78	73	ADJUSTED RATING
DEFICIENT MILEAGE	.90	2.39	2.26	4.17	4.09		.70	1.81	1.92	2.24	1.06	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2W	2	2W	2W	2W	NONE	SURF	SURF	2W	2W	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	169	878	253	547	889	-	104	415	835	936	164	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	67	-	45	37	-	-	-	-	-	-	COST OF STRUCTURE (000)
YEAR OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	-	6-10	11-15	NOW	NOW	1-5	TIME OF IMPROVEMENT

FAP ROUTE NO 11
SHEET 2 OF 3



BEGINNING MILE POST	157.7	164.8	167.9	178.4	182.6	189.3	191.2	200.0	204.5	211.4	217.3	218.4
LENGTH	7.2	3.1	10.5	4.2	6.6	2.0	9.0	3.6	6.9	5.8	1.0	7.1
YEAR BUILT	59	U	52	52	40	69	69	55	52	42	39	U
YEAR IMPROVED	63	R	52	52	40	69	69	55	55	52	71	R
SURFACE WIDTH	26	B	22	22	26	40	40	40	24	26	24	B
ROADWAY WIDTH	26	A	26	26	26	40	40	40	32	31	30	A
SURFACE TYPE	PMS	N	PMS	PMS	BST	PMS	PMS	RMS	PMS	RMS	RMS	N
ADT	436		547	587	449	440	439	2051	2631	2650	3328	
DHV	65		82	88	67	66	65	266	342	344	432	
SERVICE VOLUME	207		492	193	306	464	568	302	428	384	292	
FOUNDATION - 10	8		7	8	3	10	10	3	6	4	5	
SURFACE - 30	21		19	21	18	28	28	20	18	20	20	
DRAINAGE - 10	10		8	8	9	10	10	10	10	10	10	
SAFETY - 20	1		2	3	2	1	6	3	7	2	2	
CAPACITY - 30	25		28	23	27	28	28	17	18	17	8	
SUFFICIENCY RATING	65		64	63	59	77	82	53	59	53	45	
ADJUSTED RATING	70		67	66	64	80	85	47	51	45	35	
DEFICIENT MILEAGE	2.52		3.78	1.56	2.73	.46	1.63	1.69	2.85	2.77	.60	
PROPOSED IMPROVEMENT	SURF	2W	2W	2W	SURF	SURF	SURF	4	4	4	4	4-6
COST OF ROADWAY (000)	507	310	1509	605	461	86	390	1906	3706	3070	370	5700
COST OF STRUCTURES (000)	44	-	-	-	-	-	-	161	-	41	-	2710
YEAR OF IMPROVEMENT	1-5	NOW	NOW	NOW	NOW	11-15	11-15	NOW	1-5	NOW	NOW	NOW

BEGINNING MILE POST	0.0	2.2	8.0	8.6
LENGTH	2.2	5.7	0.5	0.6
YEAR BUILT	61	61	30	U
YEAR IMPROVED	61	61	30	R
SURFACE WIDTH	34	34	24	B
ROADWAY WIDTH	34	34	24	A
SURFACE TYPE	PMS	PMS	RMS	N
ADT	1246	1318	1453	
DHV	287	304	335	
SERVICE VOLUME	354	680	739	
FOUNDATION - 10	5	6	0	
SURFACE - 30	17	18	12	
DRAINAGE - 10	10	10	3	
SAFETY - 20	3	4	4	
CAPACITY - 30	18	23	23	
SUFFICIENCY RATING	53	61	42	
ADJUSTED RATING	50	58	38	
DEFICIENT MILEAGE	1.06	2.25	.33	
PROPOSED IMPROVEMENT	4	4	4	4
COST OF ROADWAY (000)	984	1759	245	448
COST OF STRUCTURES (000)	-	54	-	-
TIME OF IMPROVEMENT	NOW	1-5	NOW	NOW

FAP ROUTE NO 11 & 12
SHEET 3 OF 3

RURAL F.A. PRIMARY ROUTE 11
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	1,411	1,363				2,774
		MILES	9.6	3.8				13.4
	3	COST						
		MILES						
	4	COST	5,346	3,706				9,052
		MILES	10.4	6.9				17.3
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	6,757	5,069				11,826
		MILES	20.0	10.7				30.7
MAJOR WIDENING	2 W	COST	7,546					7,546
		MILES	67.4					67.4
RESURFACING	2	COST	461	1,701	494	1,518		4,174
		MILES	6.6	36.3	11.5	35.6		90.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	461	1,701	494	1,518		4,174
		MILES	6.6	36.3	11.5	35.6		90.0
TOTAL ROADWAY		COST	14,764	6,770	494	1,518		23,546
		MILES	94.0	47.0	11.5	35.6		188.1
STRUCTURES	2	COST	572	749				1,321
	4	COST						
TOTAL STRUCTURES		COST	572	749				1,321
GRAND TOTAL		COST	15,336	7,519	494	1,518		24,867
		MILES	94.0	47.0	11.5	35.6		188.1

URBAN F.A. PRIMARY ROUTE 11

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST	5,700*					5,700
		MILES	7.1*					7.1
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	5,700					5,700
		MILES	7.1					7.1
MAJOR WIDENING	2 W	COST	482					482
		MILES	3.6					3.6
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	6,182					6,182
		MILES	10.7					10.7
STRUCTURES	2	COST						
	4	COST	2,710*					2,710
TOTAL STRUCTURES		COST	2,710					2,710
GRAND TOTAL		COST	8,892					8,892
		MILES	10.7					10.7

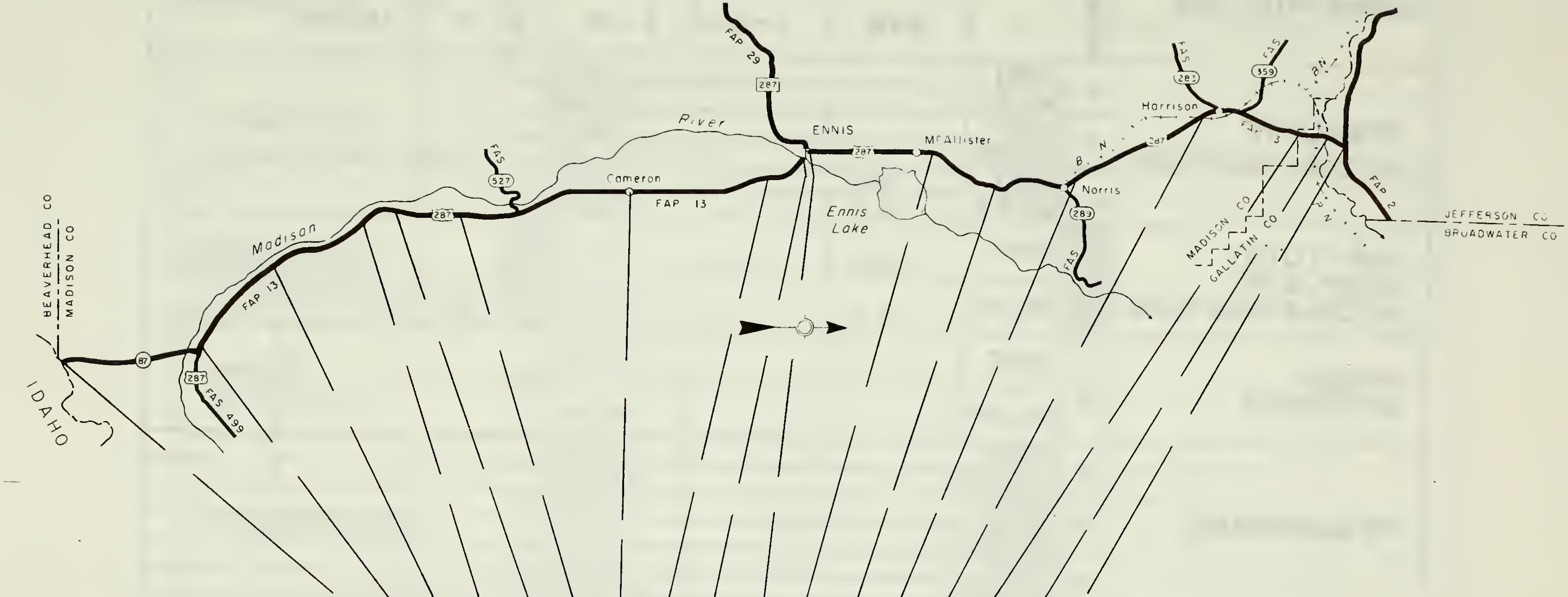
* 4 lane to 6 lane

RURAL F.A. PRIMARY ROUTE 12
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST	1,229	1,759				2,988
		MILES	2.7	5.7				8.4
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,229	1,759				2,988
		MILES	2.7	5.7				8.4
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	1,229	1,759				2,988
		MILES	2.7	5.7				8.4
STRUCTURES	2	COST		54				54
	4	COST						
TOTAL STRUCTURES		COST		54				54
GRAND TOTAL		COST	1,229	1,813				3,042
		MILES	2.7	5.7				8.4

URBAN F.A. PRIMARY ROUTE 12
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST	448					448
		MILES	0.6					0.6
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	448					448
		MILES	0.6					0.6
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	448					448
		MILES	0.6					0.6
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	448					448
		MILES	0.6					0.6



BEGINNING MILE POST	0.0	8.6	16.3	21.3	24.3	27.1	37.8	47.1	48.6	49.2	56.5	61.5	67.5	77.0	80.7	83.0	BEGINNING MILE POST
LENGTH	8.5	7.8	4.9	2.9	2.6	10.8	9.2	1.4	0.6	7.2	5.1	5.9	9.5	3.7	2.2	0.9	LENGTH
YEAR BUILT	62	66	69	71	34	34	34	36	U	34	36	34	34	34	34	34	YEAR BUILT
YEAR IMPROVED	62	66	69	71	34	34	34	58	R	34	57	34	34	52	52	52	YEAR IMPROVED
SURFACE WIDTH	32	40	40	40	20	20	20	22	B	20	22	20	20	22	22	22	SURFACE WIDTH
ROADWAY WIDTH	32	40	40	40	24	24	24	25	A	24	24	24	24	24	24	24	ROADWAY WIDTH
SURFACE TYPE	BST	PMS	PMS	PMS	RMS	RMS	RMS	RMS	N	RMS	RMS	RMS	RMS	RMS	RMS	RMS	SURFACE TYPE
ADT	277	375	446	450	452	510	655	1085		832	656	560	424	262	273	285	ADT
DHV	55	75	89	90	90	102	131	217		128	107	86	65	40	42	44	DHV
SERVICE VOLUME	546	596	568	511	510	762	486	601		400	258	205	201	226	273	348	SERVICE VOLUME
FOUNDATION - 10	4	10	10	10	0	0	0	0		0	3	3	0	0	0	3	FOUNDATION - 10
SURFACE - 30	17	27	26	28	12	10	12	14		15	15	15	12	12	13	17	SURFACE - 30
DRAINAGE - 10	10	10	10	10	7	9	8	9		8	7	8	7	5	8	8	DRAINAGE - 10
SAFETY - 20	9	10	8	5	9	5	3	15		3	2	1	1	1	1	1	SAFETY - 20
CAPACITY - 30	28	28	28	27	27	28	26	25		25	24	24	25	27	28	28	CAPACITY - 30
SUFFICIENCY RATING	68	85	82	80	55	52	49	63		51	51	51	45	45	50	57	SUFFICIENCY RATING
ADJUSTED RATING	75	88	85	83	60	56	51	61		51	53	54	50	54	58	65	ADJUSTED RATING
DEFICIENT MILEAGE	2.74	1.17	.89	.59	1.19	5.18	4.71	.55		3.55	2.53	2.89	5.23	2.06	1.13	.39	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF	2W	2W	2W	2W	2W	2W	2	2	2	2W	2W	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	342	388	249	149	280	1171	997	203	152	908	1555	1488	2395	407	140	183	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	-	-	-	71	-	394	-	-	-	31	124	-	384	-	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	1-5	6-10	11-15	11-15	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	YEAR OF IMPROVEMENT

FAP ROUTE NO 13
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 13

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

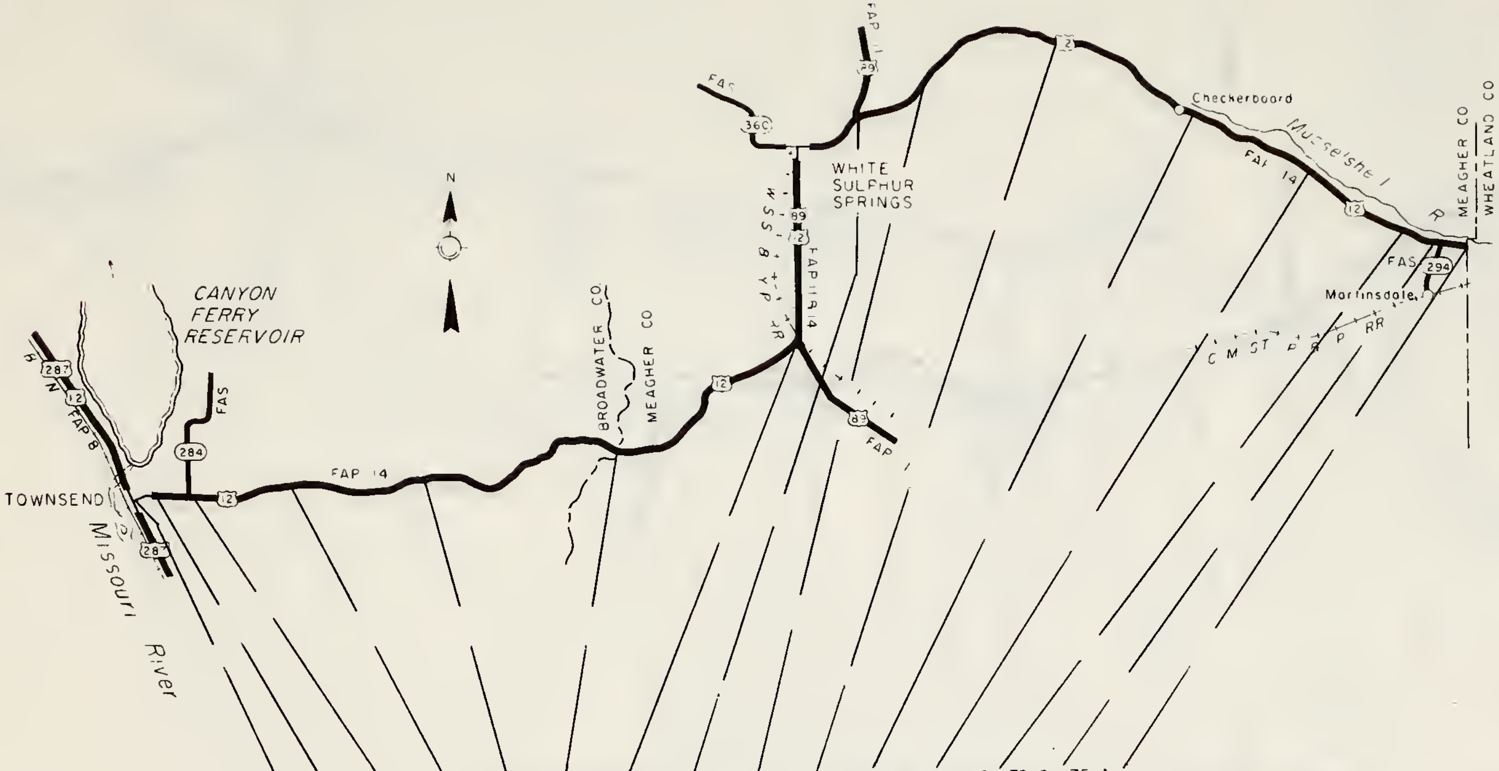
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	5,438					5,438
		MILES	20.5					20.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	5,438					5,438
		MILES	20.5					20.5
MAJOR WIDENING	2 W	COST	4,289					4,289
		MILES	38.0					38.0
RESURFACING	2	COST		342	388	398		1,128
		MILES		8.5	7.8	7.8		24.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		342	388	398		1,128
		MILES		8.5	7.8	7.8		24.1
TOTAL ROADWAY		COST	9.727	342	388	398		10,855
		MILES	58.5	8.5	7.8	7.8		82.6
STRUCTURES	2	COST	1,004					1,004
	4	COST						
TOTAL STRUCTURES		COST	1,004					1,004
GRAND TOTAL		COST	10,731	342	388	398		11,859
		MILES	58.5	8.5	7.8	7.8		82.6

URBAN F.A. PRIMARY ROUTE 13

Estimated Cost of Reconstructing to Present Standards

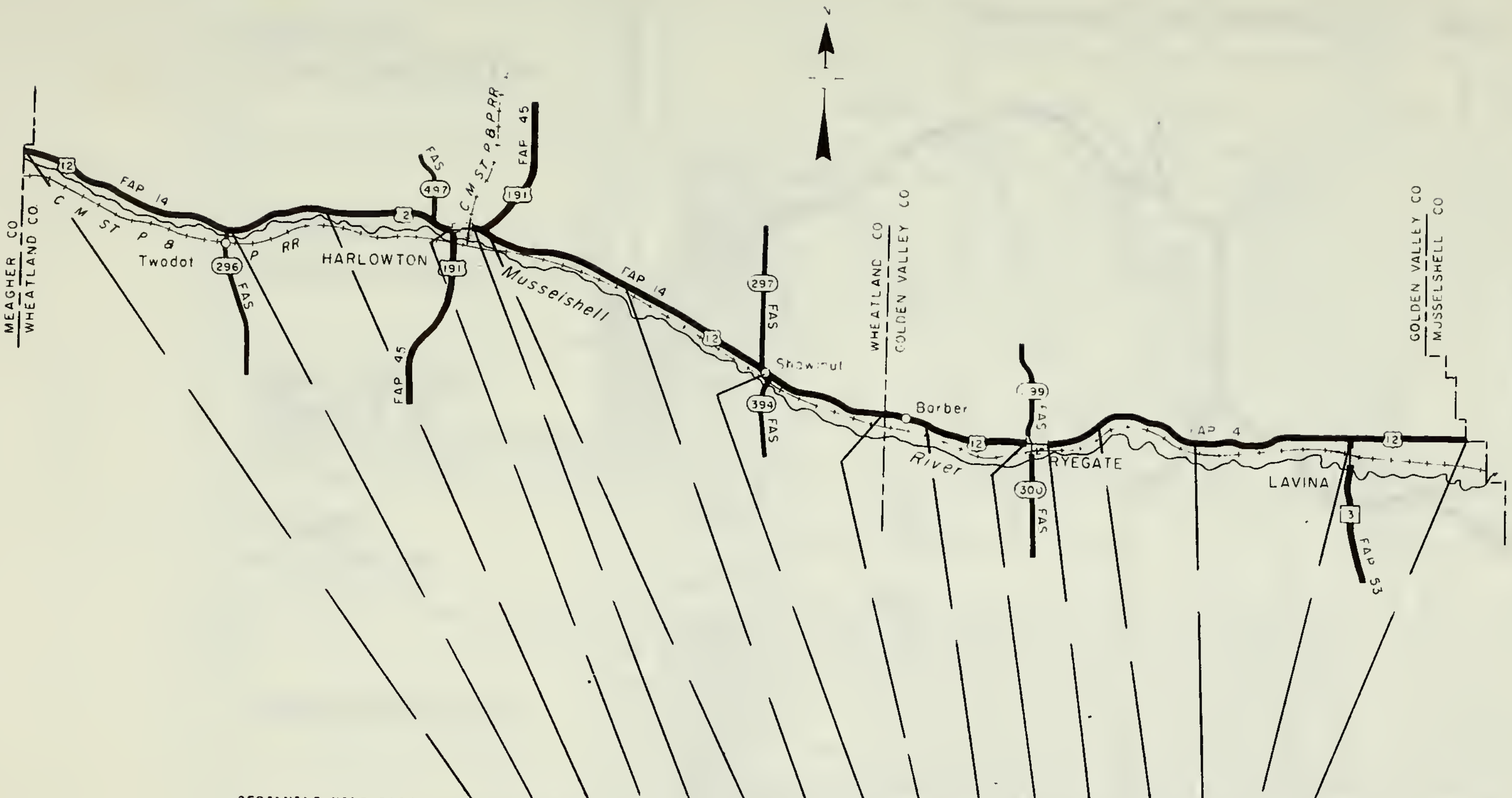
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST						
	▨	MILES						
MAJOR WIDENING	2 W	COST	152					152
		MILES	0.6					0.6
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST						
	▨	MILES						
TOTAL ROADWAY	▨	COST	152					152
	▨	MILES	0.6					0.6
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST	152					152
	▨	MILES	0.6					0.6



BEGINNING MILE POST	0.0	0.8	2.3	6.4	13.5	23.5	33.4	45.1	48.9	55.8	63.1	68.5	73.3	75.1	BEGINNING MILE POST
LENGTH	0.8	1.5	3.9	7.1	9.9	9.9	11.5	3.9	6.8	7.3	5.3	4.8	1.7	2.0	LENGTH
YEAR BUILT	U	64	64	37	51	55	C	65	U	56	37	36	36	34	YEAR BUILT
YEAR IMPROVED	R	64	64	52	51	55	O	65	N	58	48	52	52	64	YEAR IMPROVED
SURFACE WIDTH	B	32	32	20	20	24	I	40		28	20	22	22	22	SURFACE WIDTH
ROADWAY WIDTH	A	32	32	25	26	27	N	40	D C	28	25	24	24	24	ROADWAY WIDTH
SURFACE TYPE	N	PMS	PMS	RMS	RMS	PMS	C	PMS	E O	PMS	RMS	RMS	RMS	RMS	SURFACE TYPE
ADT		1182	513	472	416	391	I	337	R N	335	350	370	382	412	ADT
DHV		177	76	70	62	58	D	43		43	45	48	49	53	DHV
SERVICE VOLUME		616	548	391	158	346	E	201	S	327	220	222	476	655	SERVICE VOLUME
FOUNDATION - 10		9	8	0	2	5	N	8	T	3	0	0	0	0	FOUNDATION - 10
SURFACE - 30		25	25	10	16	18	T	24		18	12	12	12	10	SURFACE - 30
DRAINAGE - 10		10	10	7	5	9		10	R	10	8	7	7	6	DRAINAGE - 10
SAFETY - 20		15	5	2	1	1		20	U	3	2	1	6	1	SAFETY - 20
CAPACITY - 30		26	28	27	24	27		27	C	28	27	27	28	29	CAPACITY - 30
SUFFICIENCY RATING		85	76	46	48	60		89	T	62	49	47	53	46	SUFFICIENCY RATING
ADJUSTED RATING		84	79	50	53	66		91		69	56	53	59	51	ADJUSTED RATING
DEFICIENT MILEAGE		.22	.95	3.88	5.14	3.99		.43	I	2.80	2.71	2.58	.83	1.10	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	2	2	SURF		SURF	O	SURF	2	2W	2W	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	40	64	168	1816	2963	570		165		205	1079	398	190	420	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	-	-	55	-	-		-	N	-	-	6	-	21	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	16-20	6-10	6-10	NOW	NOW	1-5		11-15		1-5	NOW	NOW	NOW	NOW	YEAR OF IMPROVEMENT

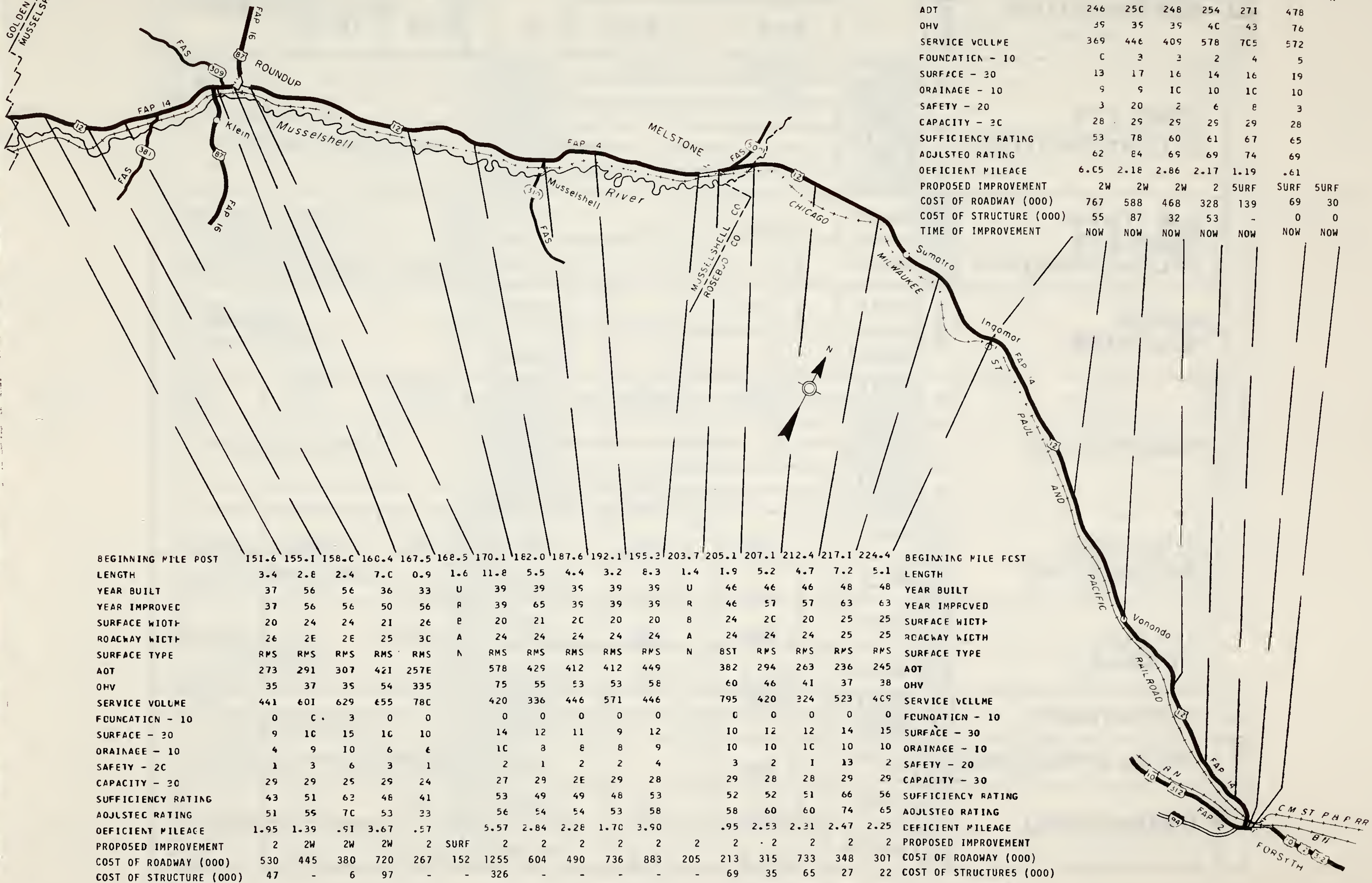
FAP ROUTE NO 14
SHEET 1 OF 3



BEGINNING MILE POST	77.2	88.0	92.8	99.3	100.3	100.8	108.0	116.4	122.5	124.9	129.5	130.5	133.0	137.0	146.0	BEGINNING MILE POST
LENGTH	10.8	4.7	6.5	0.9	0.5	7.1	8.4	6.1	2.3	4.5	1.0	2.4	3.9	9.1	5.6	LENGTH
YEAR BUILT	34	66	68	U	65	65	53	67	67	56	U	37	37	37	37	YEAR BUILT
YEAR IMPROVED	34	66	68	R	65	65	53	67	67	71	R	53	55	55	37	YEAR IMPROVED
SURFACE WIDTH	20	40	40	B	40	40	24	40	40	28	B	21	21	21	20	SURFACE WIDTH
ROADWAY WIDTH	24	40	40	A	40	40	28	40	40	28	A	24	24	24	26	ROADWAY WIDTH
SURFACE TYPE	BST	PMS	PMS	N	PMS	PMS	RMS	PMS	PMS	PMS	N	RMS	RMS	RMS	RMS	SURFACE TYPE
ADT	432	593	693		1325	920	889	778	805	853		1032	954	857	273	ADT
DHV	56	77	90		172	119	115	101	104	110		134	124	111	35	DHV
SERVICE VOLUME	327	296	296		872	281	558	281	296	558		377	159	353	441	SERVICE VOLUME
FOUNDATION - 10	0	8	9		10	8	4	9	8	3		0	0	0	0	FOUNDATION - 10
SURFACE - 30	11	23	25		27	25	16	27	25	18		13	13	13	9	SURFACE - 30
DRAINAGE - 10	7	10	10		10	10	10	10	10	10		6	6	8	4	DRAINAGE - 10
SAFETY - 20	1	5	4		20	5	6	12	8	4		10	1	2	1	SAFETY - 20
CAPACITY - 30	27	26	25		27	24	27	25	25	27		25	18	25	29	CAPACITY - 30
SUFFICIENCY RATING	46	72	73		94	72	63	83	76	62		54	38	48	43	SUFFICIENCY RATING
ADJUSTED RATING	51	74	74		93	72	63	83	76	62		53	37	48	51	ADJUSTED RATING
DEFICIENT MILEAGE	5.84	1.33	1.75		.03	1.99	3.11	1.03	.57	1.72		1.13	2.46	4.73	3.20	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	SURF	SURF	NONE	SURF	SURF	2W	SURF	SURF	2W	2W	2W	2	2W	2	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	2274	205	280	-	22	300	1122	260	100	602	297	370	1181	1348	874	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	55	-	-	-	-	-	-	-	-	-	-	39	177	275	42	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	NOW	6-10	11-15	-	16-20	16-20	6-10	11-15	11-15	NOW	NOW	NOW	NOW	NOW	NOW	YEAR OF IMPROVEMENT

FAP ROUTE NO 14
SHEET 2 OF 3

BEGINNING MILE POST	229.5	242.4	252.3	259.4	265.1	268.7	270.5
LENGTH	12.8	9.9	7.1	5.5	3.6	1.7	0.3
YEAR BUILT	55	50	54	54	57	57	U
YEAR IMPROVED	63	63	54	54	57	57	R
SURFACE WIDTH	20	20	24	24	32	32	B
ROADWAY WIDTH	20	24	24	24	32	32	A
SURFACE TYPE	RMS	RMS	RMS	RMS	BST	BST	N
ADT	246	250	248	254	271	478	
DHV	39	39	39	40	43	76	
SERVICE VOLUME	369	446	409	578	705	572	
FOUNDATION - 10	0	3	3	2	4	5	
SURFACE - 30	13	17	16	14	16	19	
DRAINAGE - 10	9	9	10	10	10	10	
SAFETY - 20	3	20	2	6	8	3	
CAPACITY - 30	28	29	29	29	29	28	
SUFFICIENCY RATING	53	78	60	61	67	65	
ADJUSTED RATING	62	84	69	69	74	69	
DEFICIENT MILEAGE	6.05	2.18	2.86	2.17	1.19	.61	
PROPOSED IMPROVEMENT	2W	2W	2W	2	SURF	SURF	SURF
COST OF ROADWAY (000)	767	588	468	328	139	69	30
COST OF STRUCTURE (000)	55	87	32	53	-	0	0
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW



BEGINNING MILE POST	151.6	155.1	158.0	160.4	167.5	168.5	170.1	182.0	187.6	192.1	195.3	203.7	205.1	207.1	212.4	217.1	224.4	BEGINNING MILE POST
LENGTH	3.4	2.8	2.4	7.0	0.9	1.6	11.8	5.5	4.4	3.2	8.3	1.4	1.9	5.2	4.7	7.2	5.1	LENGTH
YEAR BUILT	37	56	56	36	33	U	39	39	39	39	39	U	46	46	46	48	48	YEAR BUILT
YEAR IMPROVED	37	56	56	50	56	R	39	65	39	39	39	R	46	57	57	63	63	YEAR IMPROVED
SURFACE WIDTH	20	24	24	21	26	B	20	21	20	20	20	B	24	20	20	25	25	SURFACE WIDTH
ROADWAY WIDTH	26	28	28	25	30	A	24	24	24	24	24	A	24	24	24	25	25	ROADWAY WIDTH
SURFACE TYPE	RMS	RMS	RMS	RMS	RMS	N	RMS	RMS	RMS	RMS	RMS	N	BST	RMS	RMS	RMS	RMS	SURFACE TYPE
ADT	273	291	307	421	2578		578	429	412	412	449		382	294	263	236	245	ADT
DHV	35	37	39	54	335		75	55	53	53	58		60	46	41	37	38	DHV
SERVICE VOLUME	441	601	629	655	780		420	336	446	571	446		795	420	324	523	409	SERVICE VOLUME
FOUNDATION - 10	0	0	3	0	0		0	0	0	0	0		0	0	0	0	0	FOUNDATION - 10
SURFACE - 30	9	10	15	10	10		14	12	11	9	12		10	12	12	14	15	SURFACE - 30
DRAINAGE - 10	4	9	10	6	6		10	8	8	8	9		10	10	10	10	10	DRAINAGE - 10
SAFETY - 20	1	3	6	3	1		2	1	2	2	4		3	2	1	13	2	SAFETY - 20
CAPACITY - 30	29	29	29	29	24		27	29	28	29	28		29	28	28	29	29	CAPACITY - 30
SUFFICIENCY RATING	43	51	63	48	41		53	49	49	48	53		52	52	51	66	56	SUFFICIENCY RATING
ADJUSTED RATING	51	59	70	53	33		56	54	54	53	58		58	60	60	74	65	ADJUSTED RATING
DEFICIENT MILEAGE	1.95	1.39	.91	3.67	.57		5.57	2.84	2.28	1.70	3.90		.95	2.53	2.31	2.47	2.25	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	2W	2W	2W	2	SURF	2	2	2	2	2	2	2	2	2	2	2	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	530	445	380	720	267	152	1255	604	490	736	883	205	213	315	733	348	301	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	47	-	6	97	-	-	326	-	-	-	-	-	69	35	65	27	22	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	NOW	6-10	6-10	NOW	NOW	1-5	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	YEAR OF IMPROVEMENT

FAP ROUTE NO 14
SHEET 3 OF 3

RURAL F.A. PRIMARY ROUTE 14

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

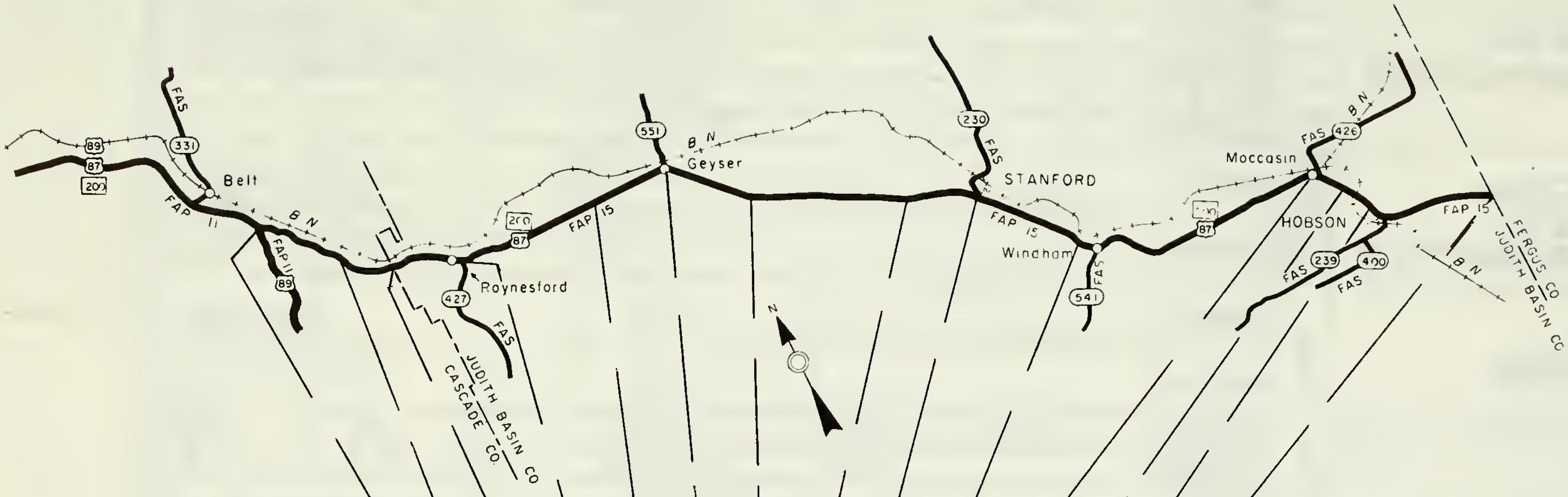
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	17,190					17,190
		MILES	109.7					109.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST	17,190					17,190
		MILES	109.7					109.7
MAJOR WIDENING	2 W	COST	5,871		1,947			7,818
		MILES	61.3		13.6			74.9
RESURFACING	2	COST	208	775	437	805	322	2,547
		MILES	5.3	17.2	10.1	18.8	7.6	59.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST	208	775	437	805	322	2,547
		MILES	5.3	17.2	10.1	18.8	7.6	59.0
TOTAL ROADWAY	▨	COST	23,269	775	2,384	805	322	27,555
		MILES	176.3	17.2	23.7	18.8	7.6	243.6
STRUCTURES	2	COST	1,585		6			1,591
	4	COST						
TOTAL STRUCTURES	▨	COST	1,585		6			1,591
GRAND TOTAL	▨	COST	24,854	775	2,390	805	322	29,146
		MILES	176.3	17.2	23.7	18.8	7.6	243.6

URBAN F.A. PRIMARY ROUTE 14

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

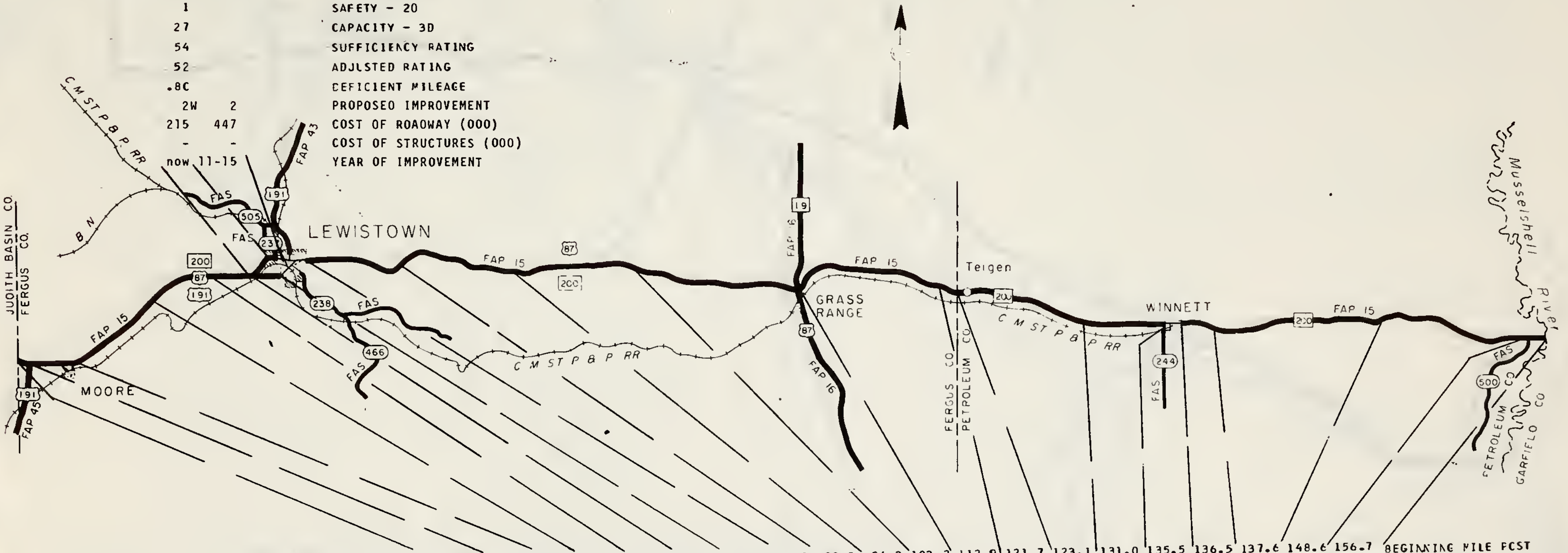
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	205					205
		MILES	1.4					1.4
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	205					205
		MILES	1.4					1.4
MAJOR WIDENING	2 W	COST	297					297
		MILES	1.0					1.0
RESURFACING	2	COST		152			40	192
		MILES		1.6			0.8	2.4
	3	COST						
		MILES						
	4	COST	30					30
		MILES	0.3					0.3
SUB-TOTAL RESURFACING		COST	30	152			40	222
		MILES	0.3	1.6			0.8	2.7
TOTAL ROADWAY		COST	532	152			40	724
		MILES	2.7	1.6			0.8	5.1
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	532	152			40	724
		MILES	2.7	1.6			0.8	5.1



BEGINNING MILE POST	0.0	5.3	7.0	10.4	17.9	21.8	26.5	33.2	36.6	41.8	54.3	56.6	57.8	BEGINNING MILE POST
LENGTH	5.4	1.7	3.3	7.5	3.9	4.6	6.6	3.4	5.1	12.4	2.3	1.1	6.5	LENGTH
YEAR BUILT	60	61	61	64	64	36	36	37	37	36	58	55	71	YEAR BUILT
YEAR IMPROVED	60	61	61	64	64	50	50	37	37	36	71	55	71	YEAR IMPROVED
SURFACE WIDTH	32	32	32	32	32	22	22	24	24	20	22	24	32	SURFACE WIDTH
ROADWAY WIDTH	32	32	32	32	32	25	25	30	30	24	24	32	32	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	PMS	PMS	PMS	RMS	RMS	RMS	RMS	RMS	RMS	RMS	PMS	SURFACE TYPE
ADT	1457	1391	1337	1169	1207	1286	1248	1396	1398	1296	1393	1445	1457	ADT
DHV	173	165	159	139	143	153	148	166	166	154	165	171	173	DHV
SERVICE VOLUME	380	448	448	403	592	431	243	522	518	364	302	503	621	SERVICE VOLUME
FOUNDATION - 10	4	6	6	7	8	0	0	0	0	0	2	4	9	FOUNDATION - 10
SURFACE - 30	18	21	22	21	24	12	11	11	10	13	15	14	27	SURFACE - 30
DRAINAGE - 10	10	10	10	10	10	7	6	9	9	6	7	10	10	DRAINAGE - 10
SAFETY - 20	5	7	5	3	4	5	2	2	4	2	1	3	4	SAFETY - 20
CAPACITY - 30	23	24	25	25	26	25	21	25	25	24	22	25	26	CAPACITY - 30
SUFFICIENCY RATING	60	68	68	66	72	49	40	47	48	45	47	56	76	SUFFICIENCY RATING
ADJUSTED RATING	56	65	65	64	70	46	37	43	44	42	44	52	73	ADJUSTED RATING
DEFICIENT MILEAGE	2.16	.56	1.06	2.55	1.11	2.39	3.96	1.82	2.68	6.84	1.23	.50	1.56	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF	SURF	2	2	2	2	2	2	2	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	208	73	142	320	170	680	1950	916	1536	3367	620	297	314	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	-	-	59	-	177	59	196	157	-	127	-	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	1-5	1-5	1-5	6-10	6-10	NOW	NOW	NOW	NOW	NOW	NOW	NOW	1-5	YEAR OF IMPROVEMENT

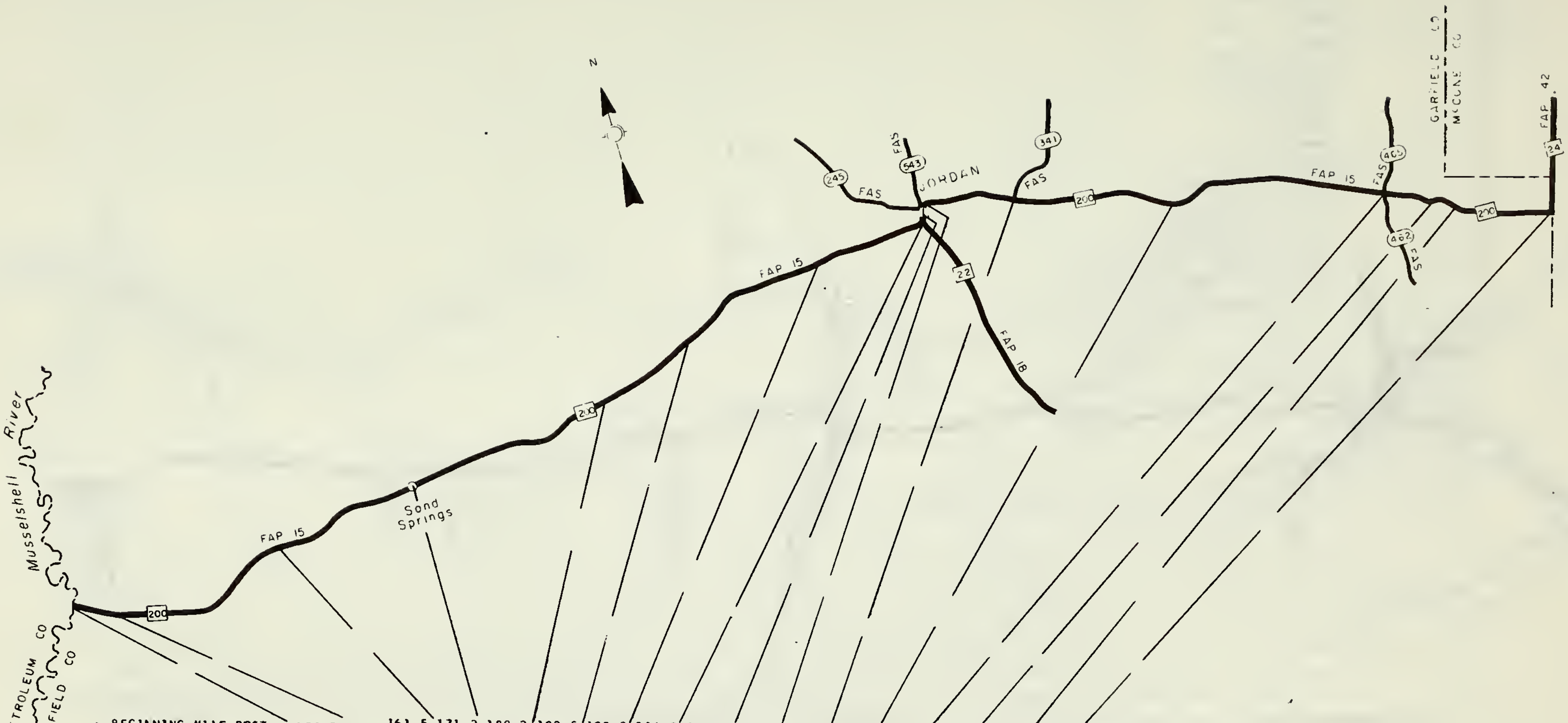
FAP ROUTE NO 15
SHEET 1 OF 4

364.4	366.1	BEGINNING MILE POST
1.7	1.2	LENGTH
49	U	YEAR BUILT
61	R	YEAR IMPROVED
24	B	SURFACE WIDTH
28	A	ROADWAY WIDTH
RMS	N	SURFACE TYPE
1091		ADT
129		DHV
744		SERVICE VOLUME
3		FOUNDATION - 10
15		SURFACE - 30
8		DRAINAGE - 10
1		SAFETY - 20
27		CAPACITY - 30
54		SUFFICIENCY RATING
52		ADJUSTED RATING
.80		DEFICIENT MILEAGE
2W	2	PROPOSED IMPROVEMENT
215	447	COST OF ROADWAY (000)
-	-	COST OF STRUCTURES (000)
now	11-15	YEAR OF IMPROVEMENT



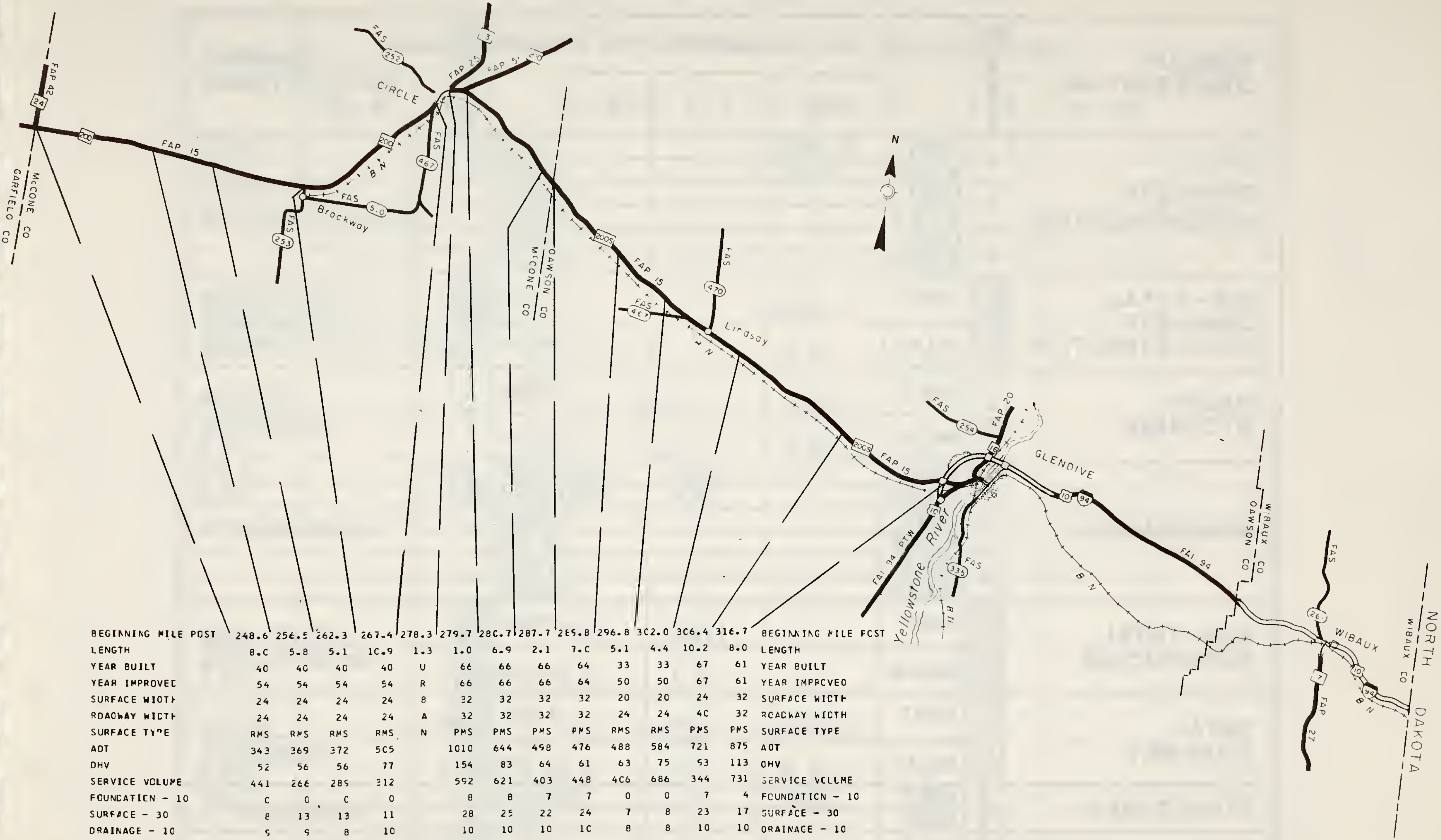
BEGINNING MILE POST	64.4	64.9	66.9	73.5	76.9	79.2	80.8	83.1	88.2	94.3	103.2	112.9	121.7	123.1	131.0	135.5	136.5	137.6	148.6	156.7	BEGINNING MILE POST
LENGTH	0.5	2.0	6.5	3.3	2.3	1.7	2.1	5.0	6.0	8.9	9.6	8.7	1.4	7.7	4.5	0.8	1.1	11.0	7.9	1.6	LENGTH
YEAR BUILT	71	71	47	47	47	47	U	42	37	37	37	51	29	31	31	U	31	54	51	U	YEAR BUILT
YEAR IMPROVED	71	71	54	54	54	54	R	72	56	56	56	51	58	58	58	R	69	54	51	N	YEAR IMPROVED
SURFACE WIDTH	32	32	24	24	24	24	B	24	24	24	24	24	18	20	20	B	22	24	24	D C	SURFACE WIDTH
ROADWAY WIDTH	32	32	31	31	31	31	A	30	30	30	30	24	24	24	24	A	24	24	24	E O	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	PMS	PMS	PMS	RMS	N	PMS	RMS	RMS	RMS	BST	RMS	RMS	RMS	N	PMS	RMS	BST	R N	SURFACE TYPE
ADT	1424	1502	1532	1644	2062	1920		1095	931	742	662	628	452	339	317		405	363	356	S	ADT
DHV	169	178	182	195	245	226		142	121	96	101	96	69	51	48		61	55	54	T	DHV
SERVICE VOLUME	621	621	522	340	522	676		377	261	333	656	442	582	707	599		527	493	760	R	SERVICE VOLUME
FOUNDATION - 10	10	10	6	6	7	7		4	0	0	0	0	0	0	0		0	0	0	U	FOUNDATION - 10
SURFACE - 30	30	30	20	19	20	18		19	14	11	12	15	9	10	9		11	13	10	C	SURFACE - 30
DRAINAGE - 10	10	10	9	9	9	9		10	8	9	9	9	5	4	7		10	10	8	T	DRAINAGE - 10
SAFETY - 20	10	4	9	2	3	2		4	1	1	2	1	2	1	1		1	4	1	I	SAFETY - 20
CAPACITY - 30	26	26	25	21	23	25		24	23	26	28	27	28	29	29		28	28	29	O	CAPACITY - 30
SUFFICIENCY RATING	86	80	69	57	62	61		61	46	47	51	52	44	44	46		50	55	48	N	SUFFICIENCY RATING
ADJUSTED RATING	84	77	65	52	56	55		59	45	48	53	54	49	51	53		56	61	54		ADJUSTED RATING
DEFICIENT MILEAGE	.07	.40	2.02	1.44	.89	.68		1.98	3.25	4.74	4.73	4.18	.82	4.36	2.45		.56	4.95	4.15		DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	2W	2W	2W	2	2	2W	2W	2W	2W	2W	2	2	2	2W	2W	2W	2W	NONE	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	20	82	774	443	268	1140	190	706	1142	1246	1213	1287	414	2101	1359	300	161	1529	1565	-	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	177	136	-	-	-	118	-	98	573	79	-	-	-	-	-	190	-	-	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	1-5	1-5	NOW	NOW	NOW	11-15	1-5	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	-	YEAR OF IMPROVEMENT

FAP ROUTE NO 15
SHEET 2 OF 4



BEGINNING MILE POST	158.3	161.5	171.2	180.2	192.2	199.0	206.8	212.1	212.4	213.0	218.0	226.7	238.9	241.4	242.4	BEGINNING MILE POST
LENGTH	3.1	9.5	8.1	11.8	6.8	7.6	5.3	0.2	0.6	4.9	8.6	12.2	2.5	1.0	6.0	LENGTH
YEAR BUILT	U	68	47	73	36	36	36	37	U	37	36	37	37	68	38	YEAR BUILT
YEAR IMPROVED	N	68	58	73	53	49	49	47	R	52	49	54	54	68	54	YEAR IMPROVED
SURFACE WIDTH	D C	36	24	24	24	24	24	22	B	24	24	24	24	36	24	SURFACE WIDTH
ROADWAY WIDTH	E O	36	24	32	24	24	24	24	A	26	25	24	24	36	24	ROADWAY WIDTH
SURFACE TYPE	R N	PMS	PMS	PMS	RMS	PMS	PMS	RMS	N	RMS	BST	RMS	RMS	RMS	RMS	SURFACE TYPE
ADT	S	303	288	277	252	319	355	1012		444	348	337	357	357	356	ADT
DHV	T	46	44	42	44	48	54	154		67	53	51	54	54	54	DHV
SERVICE VOLUME	R	711	695	632	441	243	414	235		438	418	217	278	190	353	SERVICE VOLUME
FOUNDATION - 10	U	6	0	10	0	0	0	0		0	0	0	0	9	0	FOUNDATION - 10
SURFACE - 30	C	23	8	30	5	13	10	9		11	10	11	13	26	5	SURFACE - 30
DRAINAGE - 10	T	10	7	10	9	9	7	8		8	8	8	9	10	5	DRAINAGE - 10
SAFETY - 20	I	5	1	5	1	1	1	0		1	2	1	2	3	1	SAFETY - 20
CAPACITY - 30	O	29	29	29	25	27	28	20		28	28	26	27	26	28	CAPACITY - 30
SUFFICIENCY RATING	N	73	45	84	48	50	46	37		48	48	46	51	74	47	SUFFICIENCY RATING
ADJUSTED RATING		79	53	88	56	57	52	36		53	55	53	57	79	53	ADJUSTED RATING
DEFICIENT MILEAGE		2.59	4.48	1.89	3.58	3.83	2.88	.16		2.59	4.52	6.58	1.24	.26	3.22	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	NONE	SURF	2	2	2	2	2	2	2	2W	2	2	2W	SURF	2	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	-	410	2422	3486	2039	2275	1566	89	38	695	2570	2324	388	43	1802	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	157	157	688	403	472	166	-	130	697	533	418	-	98	COST OF STRUCTURES (000)
TIME OF IMPROVEMENT	-	11-15	NOW	NOW	NOW	NOW	NOW	NOW	1-5	NOW	NOW	NOW	NOW	11-15	NOW	YEAR OF IMPROVEMENT

FAP ROUTE NO 15
SHEET 3 OF 4



BEGINNING MILE POST	248.6	256.5	262.3	267.4	278.3	279.7	280.7	287.7	289.8	296.8	302.0	306.4	316.7	BEGINNING MILE POST
LENGTH	8.0	5.8	5.1	10.9	1.3	1.0	6.9	2.1	7.0	5.1	4.4	10.2	8.0	LENGTH
YEAR BUILT	40	40	40	40	U	66	66	66	64	33	33	67	61	YEAR BUILT
YEAR IMPROVED	54	54	54	54	R	66	66	66	64	50	50	67	61	YEAR IMPROVED
SURFACE WIDTH	24	24	24	24	B	32	32	32	32	20	20	24	32	SURFACE WIDTH
ROADWAY WIDTH	24	24	24	24	A	32	32	32	32	24	24	40	32	ROADWAY WIDTH
SURFACE TYPE	RMS	RMS	RMS	RMS	N	PMS	PMS	PMS	PMS	RMS	RMS	PMS	PMS	SURFACE TYPE
ADT	343	369	372	505		1010	644	498	476	488	584	721	875	ADT
DHV	52	56	56	77		154	83	64	61	63	75	93	113	DHV
SERVICE VOLUME	441	266	289	312		592	621	403	448	406	686	344	731	SERVICE VOLUME
FOUNDATION - 10	0	0	0	0		8	8	7	7	0	0	7	4	FOUNDATION - 10
SURFACE - 30	8	13	13	11		28	25	22	24	7	8	23	17	SURFACE - 30
DRAINAGE - 10	9	9	8	10		10	10	10	10	8	8	10	10	DRAINAGE - 10
SAFETY - 20	2	1	3	2		3	20	20	5	1	6	14	3	SAFETY - 20
CAPACITY - 30	28	27	27	26		26	28	28	28	28	28	26	28	CAPACITY - 30
SUFFICIENCY RATING	47	50	51	49		75	91	87	74	44	50	80	62	SUFFICIENCY RATING
ADJUSTED RATING	54	56	57	53		74	91	89	77	48	53	81	62	ADJUSTED RATING
DEFICIENT MILEAGE	4.24	2.90	2.54	5.58		.25	.62	.27	1.83	2.89	2.23	2.04	3.05	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	2	2	2W	2W	SURF	SURF	SURF	SURF	2W	2W	SURF	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	2363	1714	1506	1702	126	43	300	90	300	841	659	440	350	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	670	117	65	472	-	-	-	-	-	255	-	-	-	COST OF STRUCTURES (000)
TIME OF IMPROVEMENTS	NOW	NOW	NOW	NOW	NOW	6-10	6-10	6-10	6-10	NOW	NOW	11-15	1-5	YEAR OF IMPROVEMENT

FAP ROUTE NO 15
SHEET 4 OF 4

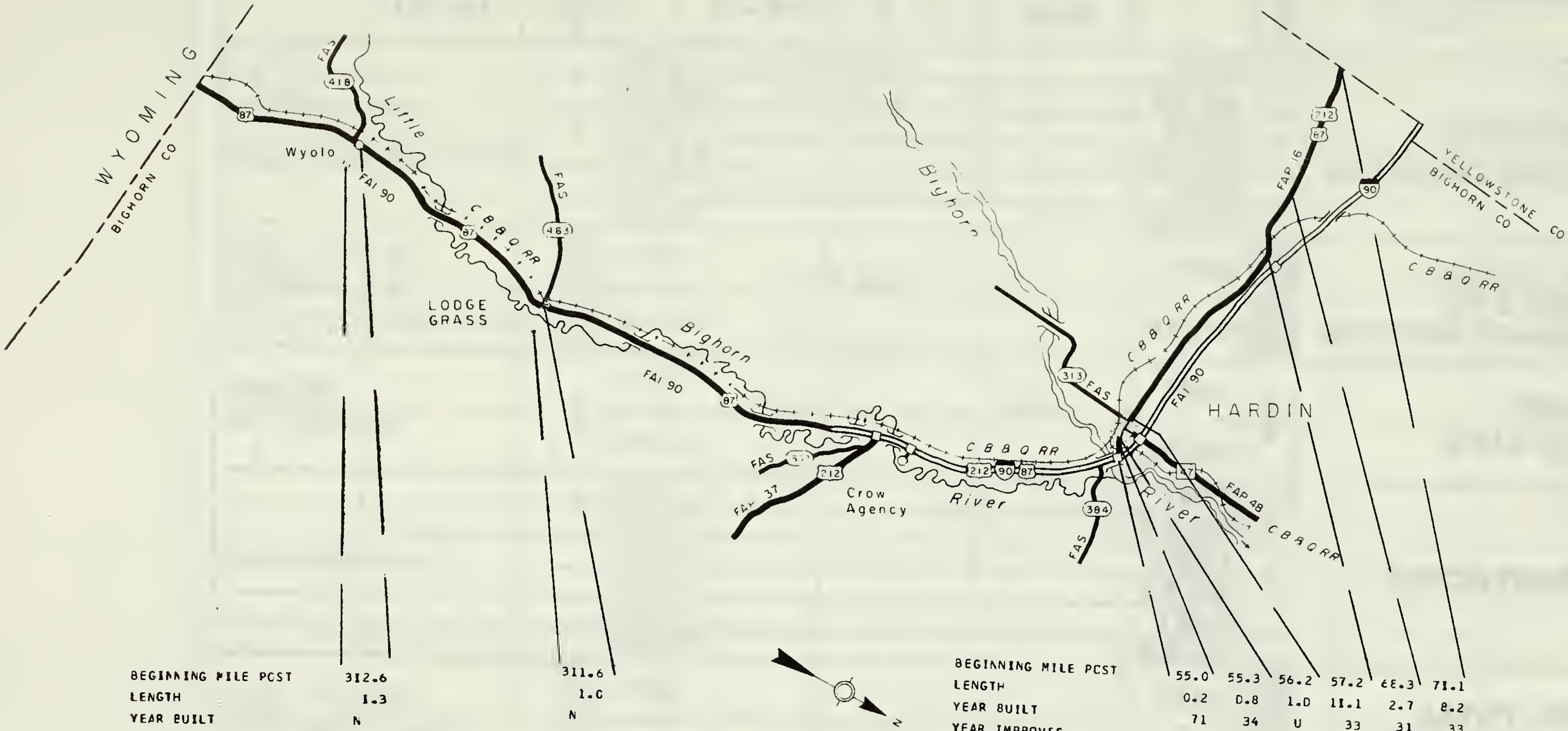
RURAL F.A. PRIMARY ROUTE 15
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11-15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	37,396			1,587		38,983
		MILES	134.6			2.9		137.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	37,396			1,587		38,983
		MILES	134.6			2.9		137.5
MAJOR WIDENING	2 W	COST	14,834					14,834
		MILES	99.8					99.8
RESURFACING	2	COST		1,189	1,223	893		3,305
		MILES		27.4	28.4	20.7		76.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		1,189	1,223	893		3,305
		MILES		27.4	28.4	20.7		76.5
TOTAL ROADWAY		COST	52,230	1,189	1,223	2,480		57,122
		MILES	234.4	27.4	28.4	23.6		313.8
STRUCTURES	2	COST	7,585		59			7,644
	4	COST						
TOTAL STRUCTURES		COST	7,585		59			7,644
GRAND TOTAL		COST	59,815	1,189	1,282	2,480		64,766
		MILES	234.4	27.4	28.4	23.6		313.8

URBAN F.A. PRIMARY ROUTE 15

Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

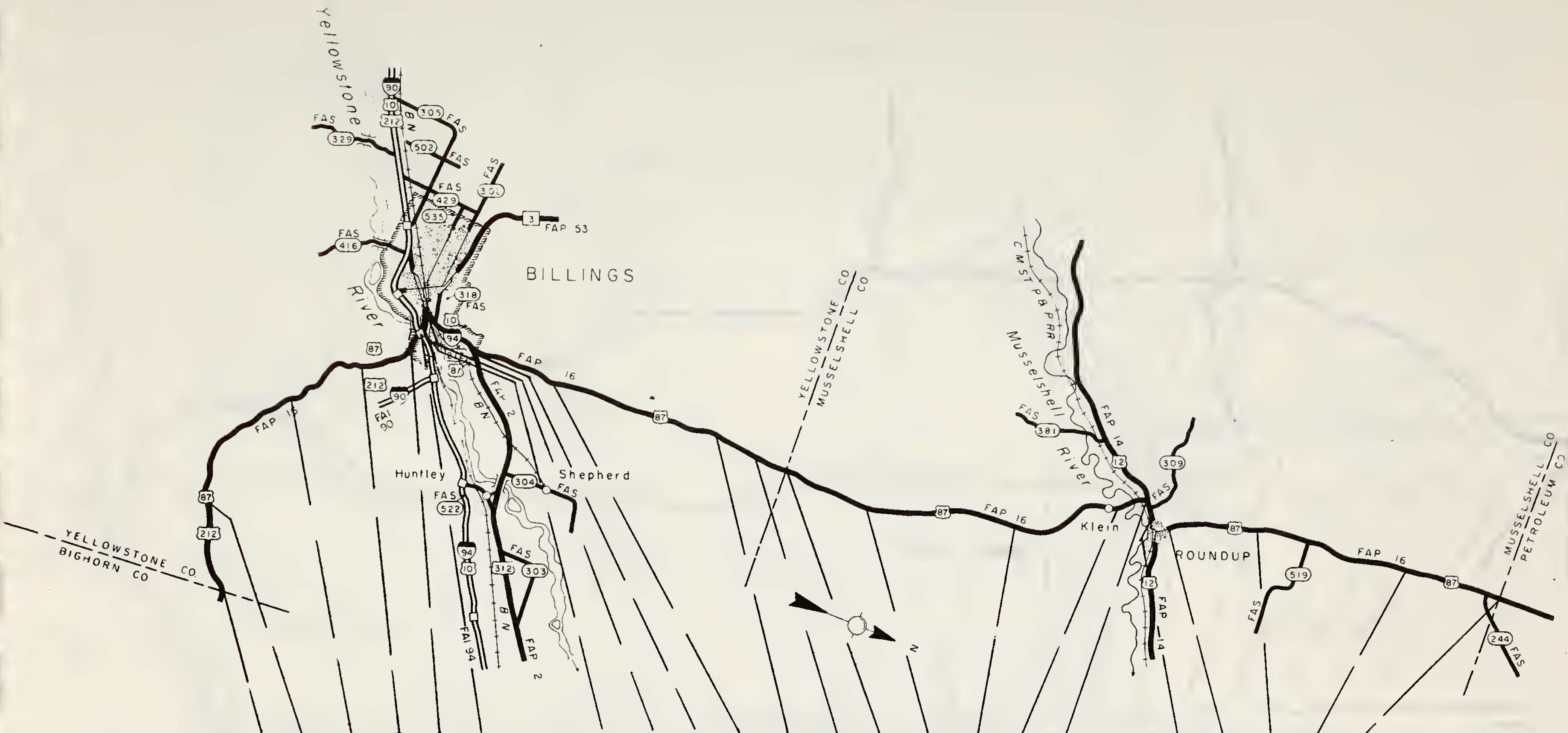
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years) NOW	1-5	6-10	11-15	16-20	GRAND TOTAL
COMPLETE RECONSTRUCTION	2	COST		228				228
		MILES		2.7				2.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST		228				228
		MILES		2.7				2.7
MAJOR WIDENING	2 W	COST	426					426
		MILES	2.1					2.1
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	426	228				654
		MILES	2.1	2.7				4.8
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	426	228				654
		MILES	2.1	2.7				4.8



BEGINNING MILE POST	312.6	311.6
LENGTH	1.3	1.0
YEAR BUILT	N	N
YEAR IMPROVED	O	O
SURFACE WIDTH	N	N
ROADWAY WIDTH	E	E
SURFACE TYPE	X	X
ADT	I	I
DHV	S	S
SERVICE VOLUME	T	T
FOUNDATION - 10	E	E
SURFACE - 30	N	N
DRAINAGE - 10	T	T
SAFETY - 20		
CAPACITY - 30		
SUFFICIENCY RATING		
ADJUSTED RATING		
DEFICIENT MILEAGE		
PROPOSED IMPROVEMENT	2	2
COST OF ROADWAY (000)	327	76
COST OF STRUCTURES (000)	68	-
YEAR OF IMPROVEMENT	NOW	NOW

BEGINNING MILE POST	55.0	55.3	56.2	57.2	68.3	71.1
LENGTH	0.2	0.8	1.0	11.1	2.7	8.2
YEAR BUILT	71	34	U	33	31	33
YEAR IMPROVED	71	59	R	53	64	52
SURFACE WIDTH	40	22	B	24	22	22
ROADWAY WIDTH	40	24	A	26	26	26
SURFACE TYPE	PMS	RMS	N	RMS	RMS	RMS
ADT	3034	2798		237	50	75
DHV	394	363		35	13	11
SERVICE VOLUME	464	610		478	201	523
FOUNDATION - 10	9	0		2	0	0
SURFACE - 30	28	8		17	13	14
DRAINAGE - 10	10	4		4	5	6
SAFETY - 20	20	4		1	0	0
CAPACITY - 30	17	21		29	29	30
SUFFICIENCY RATING	84	37		53	47	50
ADJUSTED RATING	79	29		62	63	68
DEFICIENT MILEAGE	.04	.56		5.25	1.46	4.13

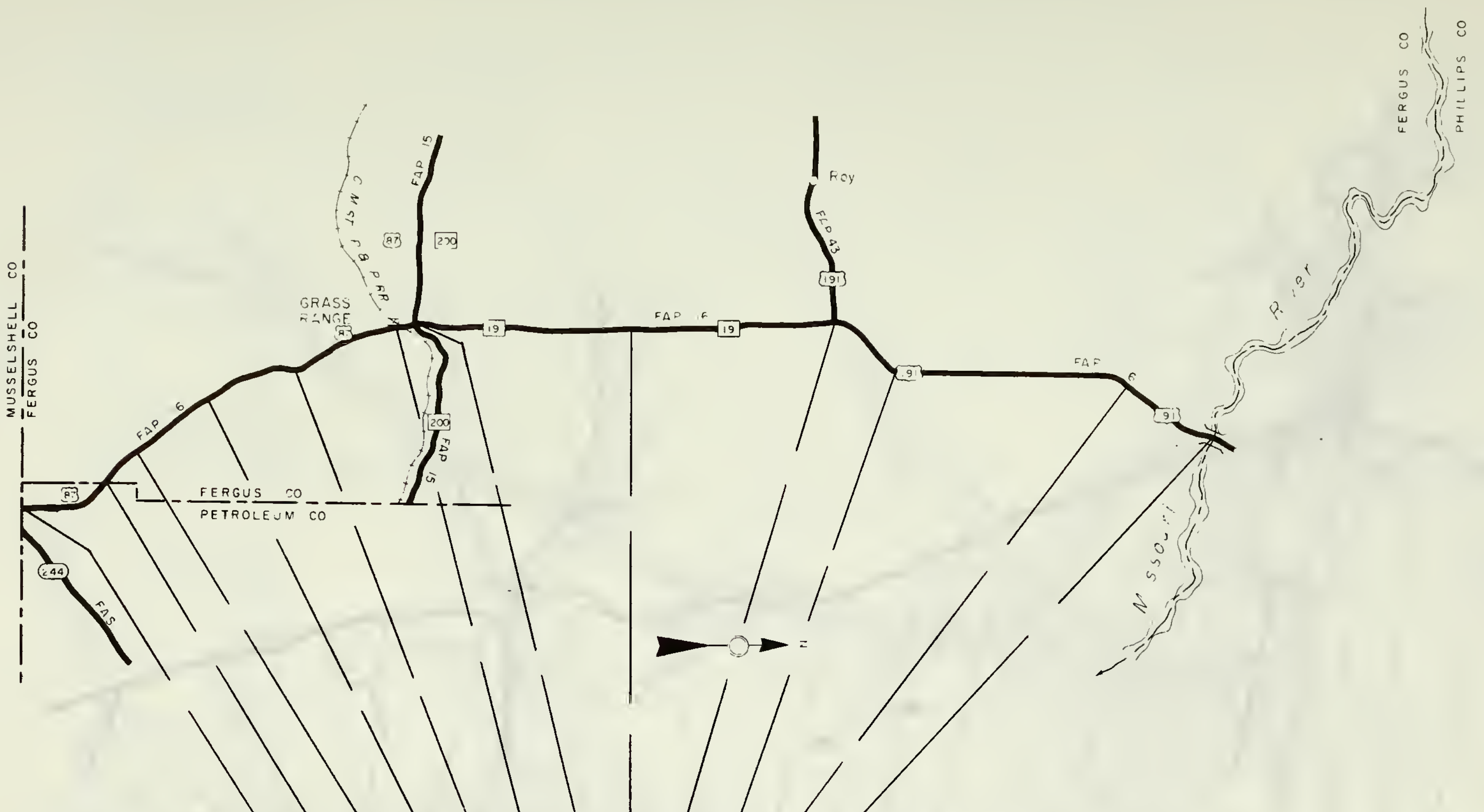
FAP ROUTE NO 16
SHEET 1 OF 4



BEGINNING MILE POST	79.4	84.6	93.2	98.6	102.5
LENGTH	5.1	8.6	5.4	3.9	1.6
YEAR BUILT	33	26	26	38	U
YEAR IMPROVED	57	59	59	50	R
SURFACE WIDTH	22	22	22	24	B
ROADWAY WIDTH	24	30	30	24	A
SURFACE TYPE	RMS	RMS	RMS	RMS	N
ADT	78	84	220	802	
DHV	11	12	33	120	
SERVICE VOLUME	464	329	370	469	
FOUNDATION - 10	0	0	0	0	
SURFACE - 30	14	11	12	13	
DRAINAGE - 10	5	6	4	6	
SAFETY - 20	0	1	0	1	
CAPACITY - 30	30	29	29	26	
SUFFICIENCY RATING	49	47	45	46	
ADJUSTED RATING	67	64	55	47	
DEFICIENT MILEAGE	2.63	4.58	2.99	2.14	

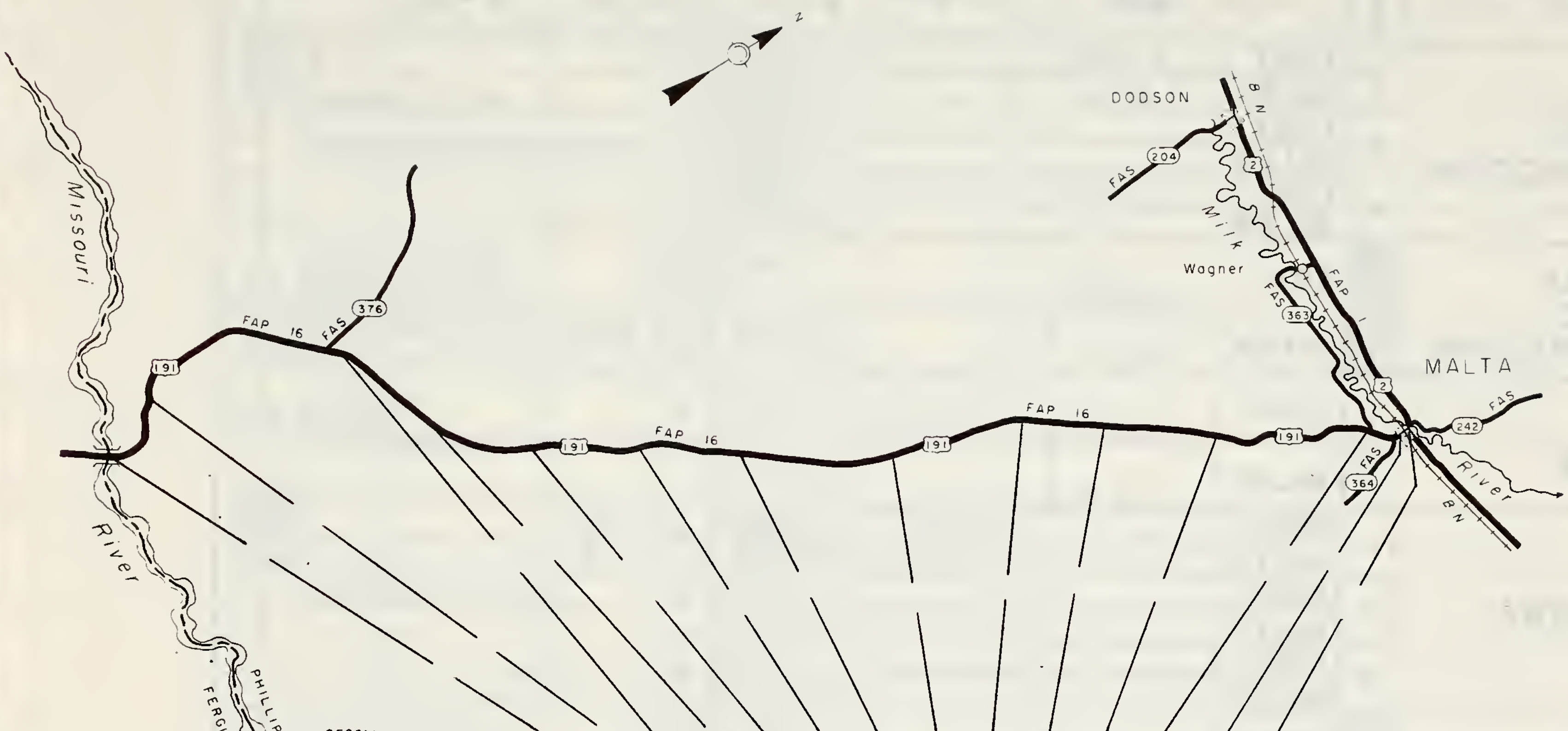
104.1	105.2	108.8	113.9	125.5	127.2	129.1	133.6	142.1	150.2	154.2	155.0	161.0	170.1	BEGINNING MILE POST
1.1	3.4	5.0	11.6	1.7	1.8	4.5	8.4	8.0	1.8	0.6	5.9	9.0	5.7	LENGTH
U	U	34	34	68	34	34	66	65	32	U	50	35	35	YEAR BUILT
R	R	51	51	68	58	34	66	65	32	R	54	35	35	YEAR IMPROVED
B	B	20	20	40	22	22	32	32	20	B	24	20	20	SURFACE WIDTH
A	A	24	24	40	24	24	32	32	24	A	30	24	24	ROADWAY WIDTH
N	N	BST	BST	PMS	RMS	RMS	PMS	PMS	BST	N	PMS	BST	BST	SURFACE TYPE
		1499	1098	1067	1065	1078	1117	1143	1585		1038	801	633	ADT
		194	142	138	138	140	145	148	206		134	104	82	DHV
		396	255	403	272	296	548	720	283		308	392	392	SERVICE VOLUME
		0	0	9	0	0	9	8	0		0	0	0	FOUNDATION - 10
		10	13	28	13	11	25	24	14		14	7	9	SURFACE - 30
		5	6	10	7	6	10	10	8		10	4	5	DRAINAGE - 10
		1	1	7	1	1	3	5	1		5	2	1	SAFETY - 20
		23	22	25	22	23	26	27	19		23	26	27	CAPACITY - 30
		39	42	79	43	41	73	74	42		52	39	42	SUFFICIENCY RATING
		35	40	78	41	39	71	72	38		51	39	44	ADJUSTED RATING
		3.09	6.77	.36	1.03	2.65	2.28	2.08	1.06		2.85	5.51	3.35	DEFICIENT MILEAGE
4	4	2	2W	SURF	2W	2W	SURF	SURF	2	2W	2W	2	2	PROPOSED IMPROVEMENT
660	1548	1121	1631	73	251	626	360	340	529	78	691	2344	1294	COST OF ROADWAY (000)
1492	-	91	263	-	108	36	-	-	410	-	-	198	-	COST OF STRUCTURE (000)
1-5	1-5	NOW	NOW	11-15	NOW	NOW	6-10	6-10	NOW	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 16
SHEET 2 OF 4



BEGINNING MILE POST	175.8	180.6	181.7	187.8	192.6	197.5	199.1	208.8	220.6	224.4	237.4
LENGTH	4.7	1.1	6.0	4.8	4.8	1.5	9.6	11.8	3.8	12.9	4.5
YEAR BUILT	63	63	65	52	41	62	62	61	62	59	60
YEAR IMPROVED	63	63	65	52	65	62	62	61	62	64	60
SURFACE WIDTH	30	30	30	24	24	32	30	30	30	28	28
ROADWAY WIDTH	30	30	30	28	30	32	30	30	30	28	28
SURFACE TYPE	PMS	PMS	PMS	RMS	RMS	PMS	PMS	PMS	PMS	RMS	PMS
ADT	446	419	440	475	521	705	240	278	320	319	333
DHV	57	54	57	61	67	118	40	46	53	53	55
SERVICE VOLUME	504	333	392	333	333	500	485	510	523	654	927
FOUNDATION - 10	7	7	8	4	0	4	0	0	3	0	0
SURFACE - 30	21	19	22	16	16	18	12	12	18	11	9
DRAINAGE - 10	10	10	10	10	9	10	10	10	10	10	10
SAFETY - 20	4	1	6	3	1	3	6	6	9	6	4
CAPACITY - 30	28	28	28	27	27	26	29	29	28	29	29
SUFFICIENCY RATING	70	65	74	60	53	61	57	57	68	56	52
ADJUSTED RATING	74	70	78	64	57	62	66	65	74	63	59
DEFICIENT MILEAGE	1.41	.39	1.57	1.95	2.29	.60	4.15	5.08	1.24	5.69	2.19
PROPOSED IMPROVEMENT	SURF	SURF	SURF	2W	2W	SURF	SURF	SURF	SURF	SURF	SURF
COST OF ROADWAY (000)	200	47	260	452	413	58	279	240	113	346	193
COST OF STRUCTURE (000)	-	-	-	-	-	-	-	-	-	-	-
TIME OF IMPROVEMENT	6-10	6-10	6-10	NOW	NOW	6-10	6-10	1-5	6-10	1-5	1-5

FAP ROUTE NO 16
SHEET 3 OF 4



BEGINNING MILE POST	242.0	247.5	257.2	260.8	264.3	272.1	278.4	284.3	290.7	296.0	301.3	309.5	310.9	BEGINNING MILE POST
LENGTH	5.5	9.7	3.6	3.4	7.8	6.2	5.9	6.3	5.2	5.2	8.1	1.3	0.6	LENGTH
YEAR BUILT	60	60	57	57	57	49	47	42	42	42	38	38	U	YEAR BUILT
YEAR IMPROVED	60	60	59	59	59	49	47	42	61	61	42	42	R	YEAR IMPROVED
SURFACE WIDTH	28	28	24	24	24	22	25	20	22	22	24	24	B	SURFACE WIDTH
ROADWAY WIDTH	28	28	29	29	29	22	25	24	24	24	26	26	A	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	PMS	PMS	PMS	BST	BST	RMS	RMS	RMS	RMS	RMS	N	SURFACE TYPE
ADT	340	330	234	224	206	200	198	194	207	220	306	846		ADT
DHV	57	55	39	37	34	33	33	32	34	36	51	142		DHV
SERVICE VOLUME	591	592	592	623	496	588	728	707	787	342	507	595		SERVICE VOLUME
FOUNDATION - 10	0	0	2	3	3	0	0	0	0	0	0	0		FOUNDATION - 10
SURFACE - 30	12	11	18	18	16	10	8	10	10	15	12	14		SURFACE - 30
DRAINAGE - 10	10	10	10	10	10	7	8	8	8	9	8	8		DRAINAGE - 10
SAFETY - 20	3	4	20	6	2	5	3	1	2	1	2	2		SAFETY - 20
CAPACITY - 30	29	29	29	29	29	29	29	29	29	28	28	26		CAPACITY - 30
SUFFICIENCY RATING	54	54	79	66	60	51	48	48	49	53	50	50		SUFFICIENCY RATING
ADJUSTED RATING	61	61	85	75	70	62	59	59	59	63	58	50		ADJUSTED RATING
DEFICIENT MILEAGE	2.56	4.46	.76	1.18	3.12	3.06	3.08	3.32	2.69	2.48	4.05	.69		DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF	SURF	2	2W	2	2W	2	2W	2W	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	240	420	155	146	335	889	319	791	279	827	477	184	176	COST OF ROADWAY (000)
COST OF STRUCTURES (000)	-	-	-	-	-	28	37	24	20	66	103	-	144	COST OF STRUCTURE (000)
YEAR OF IMPROVEMENT	1-5	1-5	1-5	1-5	1-5	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 16
SHEET 4 OF 4

RURAL F.A. PRIMARY ROUTE 16
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	8,198					8,198
		MILES	41.5					41.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	8,198					8,198
		MILES	41.5					41.5
MAJOR WIDENING	2 W	COST	5,323					5,323
		MILES	53.9					53.9
RESURFACING	2	COST		2,075	1,657	73		3,805
		MILES		59.2	43.1	1.7		104.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		2,075	1,657	73		3,805
		MILES		59.2	43.1	1.7		104.0
TOTAL ROADWAY		COST	13,521	2,075	1,657	73		17,326
		MILES	95.4	59.2	43.1	1.7		199.4
STRUCTURES	2	COST	1,452					1,452
	4	COST						
TOTAL STRUCTURES		COST	1,452					1,452
GRAND TOTAL		COST	14,973	2,075	1,657	73		18,778
		MILES	95.4	59.2	43.1	1.7		199.4

URBAN F.A. PRIMARY ROUTE 16

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST		2,208				2,208
		MILES		4.5				4.5
SUB-TOTAL COMPLETE RECONSTRUCTION		COST		2,208				2,208
		MILES		4.5				4.5
MAJOR WIDENING	2 W	COST	254					254
		MILES	1.2					1.2
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	254	2,208				2,462
		MILES	1.2	4.5				5.7
STRUCTURES	2	COST	144					144
	4	COST		1,492				1,492
TOTAL STRUCTURES		COST	144	1,492				1,636
GRAND TOTAL		COST	398	3,700				4,098
		MILES	1.2	4.5				5.7

RURAL F.A. PRIMARY ROUTE 17

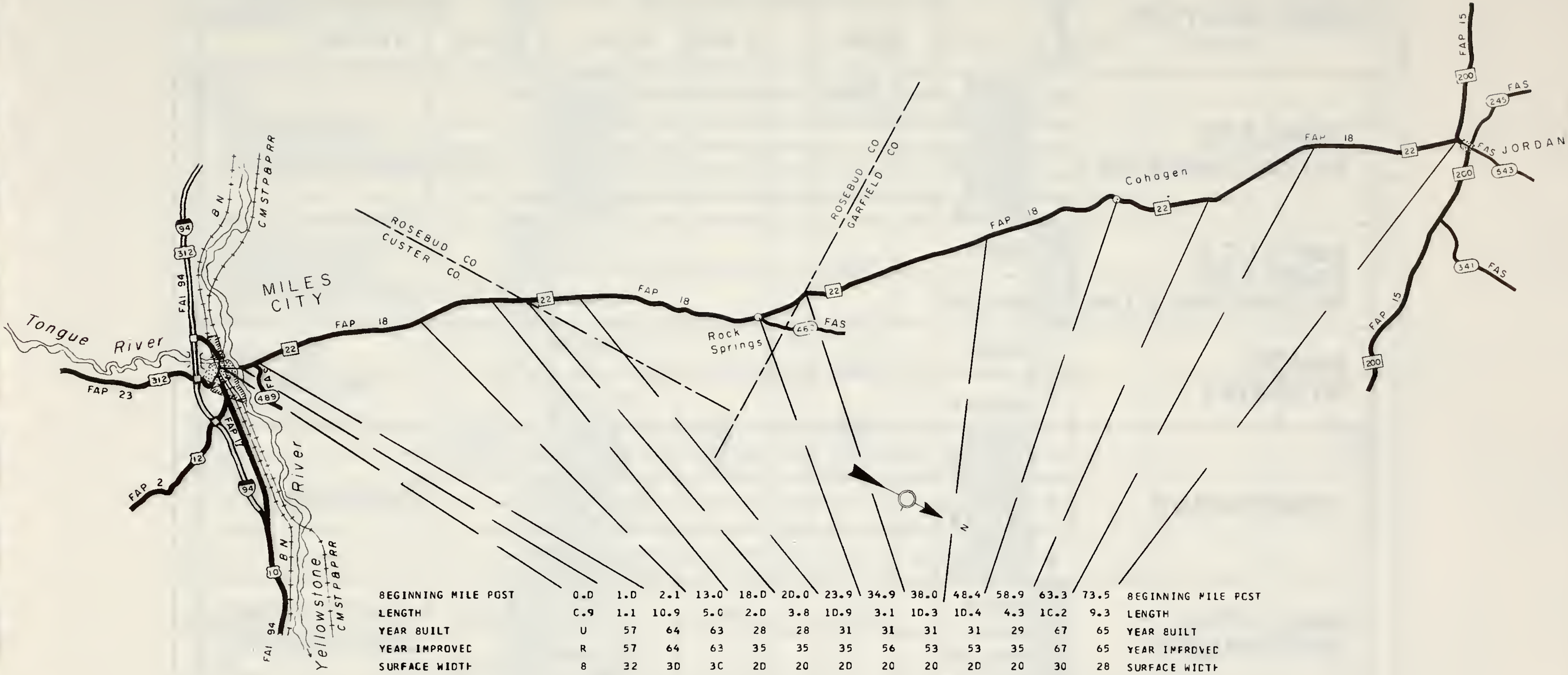
Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST	225					225
		MILES	.5					.5
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	225					225
		MILES	.5					.5
MAJOR WIDENING	2 W	COST	482					482
		MILES	5.8					5.8
RESURFACING	2	COST	701	85		21		807
		MILES	24.1	2.1		.5		26.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	701	85		21		807
		MILES	24.1	2.1		.5		26.7
TOTAL ROADWAY		COST	1,408	85		21		1,514
		MILES	30.4	2.1		.5		33.0
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	1,408	85		21		1,514
		MILES	30.4	2.1		.5		33.0

URBAN F.A. PRIMARY ROUTE 17
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST				771		771
		MILES				.8		.8
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST				771		771
		MILES				.8		.8
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST	34					34
		MILES	1.0					1.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST	34					34
		MILES	1.0					1.0
TOTAL ROADWAY	▨	COST	34			771		805
		MILES	1.0			.8		1.8
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST	34			771		805
		MILES	1.0			.8		1.8



BEGINNING MILE POST	0.0	1.0	2.1	13.0	18.0	20.0	23.9	34.9	38.0	48.4	58.9	63.3	73.5	BEGINNING MILE POST
LENGTH	0.9	1.1	10.9	5.0	2.0	3.8	10.9	3.1	10.3	10.4	4.3	10.2	9.3	LENGTH
YEAR BUILT	U	57	64	63	28	28	31	31	31	31	29	67	65	YEAR BUILT
YEAR IMPROVED	R	57	64	63	35	35	35	56	53	53	35	67	65	YEAR IMPROVED
SURFACE WIDTH	B	32	30	30	20	20	20	20	20	20	20	30	28	SURFACE WIDTH
ROADWAY WIDTH	A	32	30	30	24	24	24	24	24	24	24	30	28	ROADWAY WIDTH
SURFACE TYPE	N	BST	PMS	PMS	BST	BST	BST	BST	RMS	RMS	BST	PMS	PMS	SURFACE TYPE
ADT		1751	375	283	284	274	222	189	185	192	216	235	283	ADT
DHV		227	48	36	36	35	28	24	24	24	28	30	36	DHV
SERVICE VOLUME		448	554	612	608	582	387	364	387	406	338	648	416	SERVICE VOLUME
FOUNDATION - 10		6	5	4	0	0	0	0	0	0	0	8	7	FOUNDATION - 10
SURFACE - 30		21	18	16	8	9	8	10	7	8	10	24	25	SURFACE - 30
DRAINAGE - 10		10	10	10	8	8	7	7	7	5	5	10	10	DRAINAGE - 10
SAFETY - 20		3	4	5	2	3	1	1	1	1	2	17	4	SAFETY - 20
CAPACITY - 30		22	29	29	29	29	29	29	29	29	29	29	29	CAPACITY - 30
SUFFICIENCY RATING		62	66	64	47	49	45	47	44	43	46	88	75	SUFFICIENCY RATING
ADJUSTED RATING		57	71	71	55	57	55	58	55	54	56	92	81	ADJUSTED RATING
DEFICIENT MILEAGE		.44	3.70	1.80	1.07	1.98	6.02	1.68	5.81	5.97	2.37	1.22	2.34	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF	2W	2W	2	2	2	2	2W	SURF	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	307	43	470	215	105	232	1537	451	1468	1482	232	440	253	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	125	-	-	-	-	-	17	7	92	105	13	-	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	1-5	1-5	6-10	6-10	NOW	NOW	NOW	NOW	NOW	NOW	NOW	11-15	6-10	TIME OF IMPROVEMENT

FAP ROUTE NO 18
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 18
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

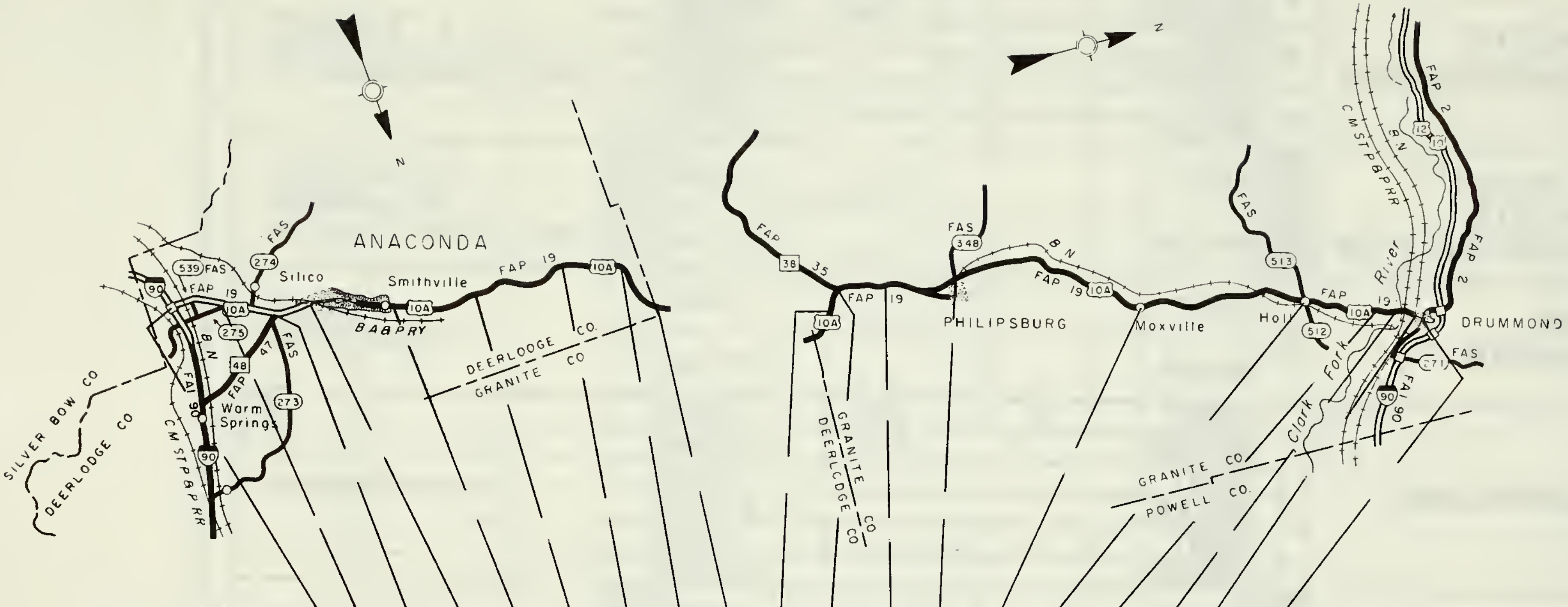
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	4,938					4,938
		MILES	34.7					34.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	4,938					4,938
		MILES	34.7					34.7
MAJOR WIDENING	2 W	COST	569					569
		MILES	10.1					10.1
RESURFACING	2	COST		43	938	440		1,421
		MILES		1.1	25.2	10.2		36.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		43	938	440		1,421
		MILES		1.1	25.2	10.2		36.5
TOTAL ROADWAY		COST	5,507	43	938	440		6,928
		MILES	44.8	1.1	25.2	10.2		81.3
STRUCTURES	2	COST	234					234
	4	COST						
TOTAL STRUCTURES		COST	234					234
GRAND TOTAL		COST	5,741	43	938	440		7,162
		MILES	44.8	1.1	25.2	10.2		81.3

URBAN F.A. PRIMARY ROUTE 18

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years) NOW	1-5	6-10	11-15	16-20	GRAND TOTAL
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST		307				307
		MILES		0.9				0.9
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		307				307
		MILES		0.9				0.9
TOTAL ROADWAY		COST		307				307
		MILES		0.9				0.9
STRUCTURES	2	COST		125				125
	4	COST						
TOTAL STRUCTURES		COST		125				125
GRAND TOTAL		COST		432				432
		MILES		0.9				0.9



BEGINNING MILE POST	0.0	2.8	5.5	7.1	12.3	16.9	22.0	24.3	27.6	30.8	31.6	34.4	38.5	48.3	57.4	62.5	63.2	63.6	BEGINNING MILE POST
LENGTH	2.8	2.6	1.5	5.2	4.5	5.0	2.2	3.3	3.1	0.8	2.7	4.1	9.7	9.1	5.0	0.6	0.4	0.2	LENGTH
YEAR BUILT	64	61	61	U	59	59	59	34	34	57	57	57	60	31	25	66	66	U	YEAR BUILT
YEAR IMPROVED	64	61	61	R	59	59	59	54	40	57	57	57	60	52	52	66	66	R	YEAR IMPROVED
SURFACE WIDTH	76	76	76	B	28	28	32	22	20	32	32	32	24	20	20	40	32	B	SURFACE WIDTH
ROADWAY WIDTH	76	76	76	A	28	28	32	24	24	32	32	32	32	24	22	40	32	A	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	PMS	N	PMS	PMS	PMS	RMS	RMS	BST	BST	BST	PMS	RMS	RMS	PMS	PMS	N	SURFACE TYPE
ADT	2288	3542	5942		1258	1030	909	685	519	489	503	457	479	513	666	759	669		ADT
DHV	297	460	772		182	149	131	99	75	70	72	66	69	74	96	110	97		DHV
SERVICE VOLUME	2208	2208	2208		454	427	456	197	224	340	441	456	428	683	471	240	720		SERVICE VOLUME
FOUNDATION - 10	9	9	10		4	4	0	3	0	3	0	0	6	0	0	10	10		FOUNDATION - 10
SURFACE - 30	28	26	26		16	17	18	14	12	16	11	12	19	9	9	27	26		SURFACE - 30
DRAINAGE - 10	10	10	10		10	10	8	7	6	10	10	10	10	3	3	10	10		DRAINAGE - 10
SAFETY - 20	5	11	10		3	10	4	1	0	1	5	4	7	2	1	2	20		SAFETY - 20
CAPACITY - 30	28	27	25		24	25	26	22	25	27	28	28	28	28	27	23	28		CAPACITY - 30
SUFFICIENCY RATING	80	83	81		57	66	56	47	43	57	54	54	70	42	40	72	94		SUFFICIENCY RATING
ADJUSTED RATING	75	77	72		54	65	56	49	47	61	58	59	74	46	42	73	94		ADJUSTED RATING
DEFICIENT MILEAGE	.57	.45	.29		1.94	1.72	.99	1.79	1.78	.35	1.25	1.91	2.91	5.29	3.04	.17	.02		DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	4	2	SURF	SURF	SURF	2W	2	SURF	SURF	SURF	SURF	2W	2	SURF	SURF	NONE	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	120	112	138	976	507	203	91	418	928	32	107	167	420	986	990	26	17	-	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	-	1385	-	-	-	-	-	-	-	-	-	159	119	-	-	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	6-10	1-5	11-15	6-10	1-5	1-5	1-5	1-5	NOW	NOW	NOW	NOW	1-5	NOW	NOW	6-10	6-10	-	TIME OF IMPROVEMENT

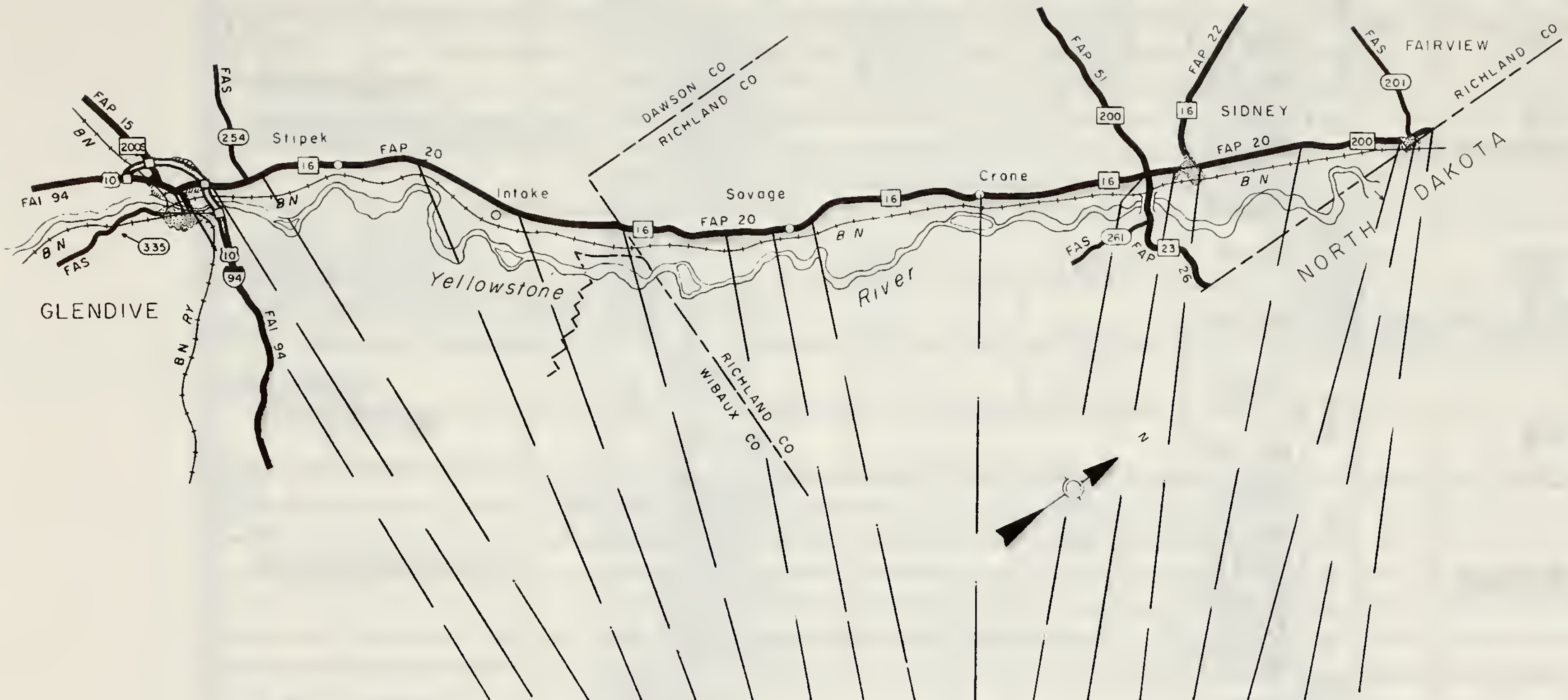
FAP ROUTE NO 19
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 19
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	1,918					1,918
		MILES	8.1					8.1
	3	COST						
		MILES						
	4	COST				138		138
		MILES				1.5		1.5
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,918			138		2,056
		MILES	8.1			1.5		9.6
MAJOR WIDENING	2 W	COST	986	418				1,404
		MILES	9.1	3.3				12.4
RESURFACING	2	COST	306	1,221	43			1,570
		MILES	7.6	21.4	1.0			30.0
	3	COST						
		MILES						
	4	COST		112	120			232
		MILES		2.6	2.8			5.4
SUB-TOTAL RESURFACING		COST	306	1,333	163			1,802
		MILES	7.6	24.0	3.8			35.4
TOTAL ROADWAY		COST	3,210	1,751	163	138		5,262
		MILES	24.8	27.3	3.8	1.5		57.4
STRUCTURES	2	COST	278					278
	4	COST						
TOTAL STRUCTURES		COST	278					278
GRAND TOTAL		COST	3,488	1,751	163	138		5,540
		MILES	24.8	27.3	3.8	1.5		57.4

URBAN F.A. PRIMARY ROUTE 19
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST			976			976
		MILES			5.2			5.2
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST			976			976
	▨	MILES			5.2			5.2
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST						
	▨	MILES						
TOTAL ROADWAY	▨	COST			976			976
	▨	MILES			5.2			5.2
STRUCTURES	2	COST			1,385			1,385
	4	COST						
TOTAL STRUCTURES	▨	COST			1,385			1,385
GRAND TOTAL	▨	COST			2,361			2,361
	▨	MILES			5.2			5.2



BEGINNING MILE POST	0.0	1.7	6.1	13.0	18.5	23.1	28.8	31.5	32.9	42.0	50.0	51.7	52.5	58.6	62.5	63.9	BEGINNING MILE POST
LENGTH	1.7	4.3	6.8	5.6	4.1	5.7	2.5	1.4	9.0	7.9	1.7	0.8	6.0	3.9	1.3	0.3	LENGTH
YEAR BUILT	U	64	67	69	54	54	34	U	34	U	U	U	35	35	U	56	YEAR BUILT
YEAR IMPROVED	R	64	67	69	54	54	58	N	57	N	N	R	35	35	R	56	YEAR IMPROVED
SURFACE WIDTH	B	40	40	40	28	28	20	D C	20	D C	D C	B	20	20	B	24	SURFACE WIDTH
ROADWAY WIDTH	A	40	40	40	28	28	24	E O	24	E O	E O	A	24	24	A	32	ROADWAY WIDTH
SURFACE TYPE	N	PMS	PMS	PMS	RMS	RMS	RMS	R N	RMS	R N	R N	N	RMS	RMS	N	RMS	SURFACE TYPE
ADT		1376	882	787	792	894	1040	S	1279	S	S		2288	1679		1653	ADT
DHV		178	114	102	102	116	135	T	166	T	T		297	218		214	DHV
SERVICE VOLUME		195	565	165	378	266	185	R	333	R	R		534	356		896	SERVICE VOLUME
FOUNDATION - 10		8	9	8	0	2	0	U	0	U	U		0	0		8	FOUNDATION - 10
SURFACE - 30		25	27	25	14	17	12	C	12	C	C		13	12		21	SURFACE - 30
DRAINAGE - 10		10	10	10	10	10	8	T	8	T	T		5	5		10	DRAINAGE - 10
SAFETY - 20		3	4	3	4	5	1	I	2	I	I		3	1		1	SAFETY - 20
CAPACITY - 30		16	27	21	26	23	19	O	23	O	O		22	21		26	CAPACITY - 30
SUFFICIENCY RATING		62	77	67	54	57	40	N	45	N	N		43	39		66	SUFFICIENCY RATING
ADJUSTED RATING		59	77	68	55	57	39		42				36	34		62	ADJUSTED RATING
DEFICIENT MILEAGE		1.66	1.57	1.85	1.91	2.48	1.55		4.97				3.45	2.38		.11	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	SURF	SURF	SURF	SURF	SURF	2		2	NONE	NONE	2	2	2	2	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	286	185	290	240	113	436	595		2142	-	-	279	1492	1038	499	34	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	-	-	-	-	138		315	-	-	-	-	-	-	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	16-20	6-10	11-15	11-15	NOW	NOW	NOW		NOW	-	-	11-15	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 20
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 20

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

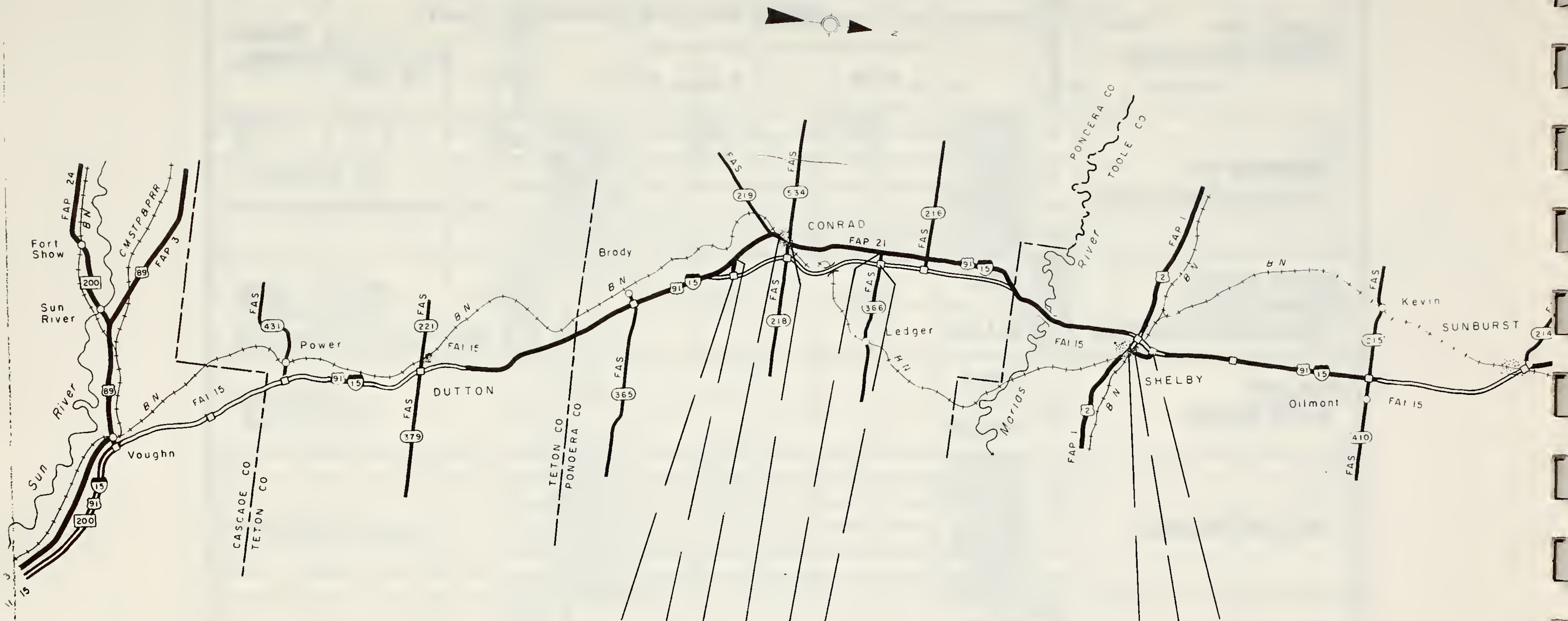
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	5,267					5,267
		MILES	21.4					21.4
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	5,267					5,267
		MILES	21.4					21.4
MAJOR WIDENING	2 W	COST	34					34
		MILES	.3					.3
RESURFACING	2	COST	549		185	530		1,264
		MILES	9.8		4.3	12.4		26.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	549		185	530		1,264
		MILES	9.8		4.3	12.4		26.5
TOTAL ROADWAY		COST	5,850		185	530		6,565
		MILES	31.5		4.3	12.4		48.2
STRUCTURES	2	COST	453					453
	4	COST						
TOTAL STRUCTURES		COST	453					453
GRAND TOTAL		COST	6,303		185	530		7,018
		MILES	31.5		4.3	12.4		48.2

URBAN F.A. PRIMARY ROUTE 20

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	499			279	286	1,064
		MILES	1.3			0.8	1.7	3.8
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	499			279	286	1,064
		MILES	1.3			0.8	1.7	3.8
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	499			279	286	1,064
		MILES	1.3			0.8	1.7	3.8
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	499			279	286	1,064
		MILES	1.3			0.8	1.7	3.8



BEGINNING MILE POST	44.0	44.8	47.7	49.0	57.0
LENGTH	0.8	2.8	1.2	8.7	0.5
YEAR BUILT	72	64	U	51	72
YEAR IMPROVED	72	64	R	65	72
SURFACE WIDTH	40	24	B	32	34
ROADWAY WIDTH	40	26	A	32	34
SURFACE TYPE	PMS	RMS	N	RMS	PMS
ADT	532	712		269	503
DHV	69	92		34	65
SERVICE VOLUME	662	297		482	774
FOUNDATION - 10	10	0		4	10
SURFACE - 30	30	13		16	30
DRAINAGE - 10	10	8		10	10
SAFETY - 20	2	1		2	2
CAPACITY - 30	28	25		29	29
SUFFICIENCY RATING	80	47		61	81
ADJUSTED RATING	82	48		69	83
DEFICIENT MILEAGE	.16	1.50		3.40	.09
PROPOSED IMPROVEMENT	NONE	2	SURF	SURF	2W
COST OF ROADWAY (000)	-	617	63	336	43
COST OF STRUCTURE (000)	-	-	-	-	-
TIME OF IMPROVEMENT	-	NOW	16-20	1-5	NOW

BEGINNING MILE POST.	74.6	75.3
LENGTH	0.7	1.0
YEAR BUILT	U	28
YEAR IMPROVED	R	52
SURFACE WIDTH	B	20
ROADWAY WIDTH	A	24
SURFACE TYPE	N	RMS
ADT		790
DHV		102
SERVICE VOLUME		288
FOUNDATION - 10		0
SURFACE - 30		15
DRAINAGE - 10		7
SAFETY - 20		1
CAPACITY - 30		25
SUFFICIENCY RATING		48
ADJUSTED RATING		49
DEFICIENT MILEAGE		.54
PROPOSED IMPROVEMENT	2W	2W
COST OF ROADWAY (000)	182	104
COST OF STRUCTURE (000)	-	-
TIME OF IMPROVEMENT	NOW	NOW

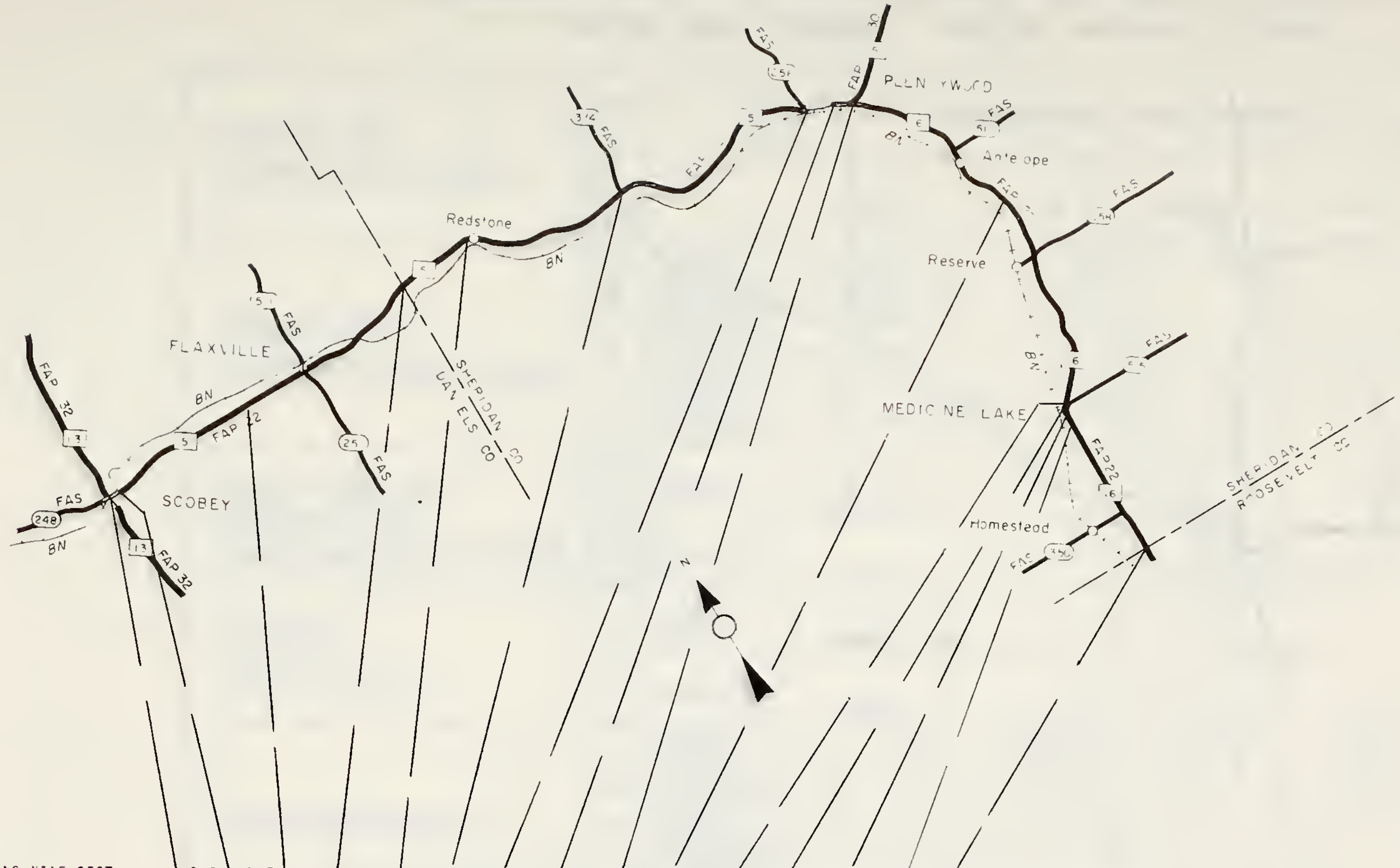
FAP ROUTE NO 21
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 21
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	617					617
		MILES	2.8					2.8
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST	617					617
	▨	MILES	2.8					2.8
MAJOR WIDENING	2 W	COST	147					147
		MILES	1.5					1.5
RESURFACING	2	COST		336				336
		MILES		8.7				8.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST		336				336
	▨	MILES		8.7				8.7
TOTAL ROADWAY	▨	COST	764	336				1,100
	▨	MILES	4.3	8.7				13.0
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST	764	336				1,100
	▨	MILES	4.3	8.7				13.0

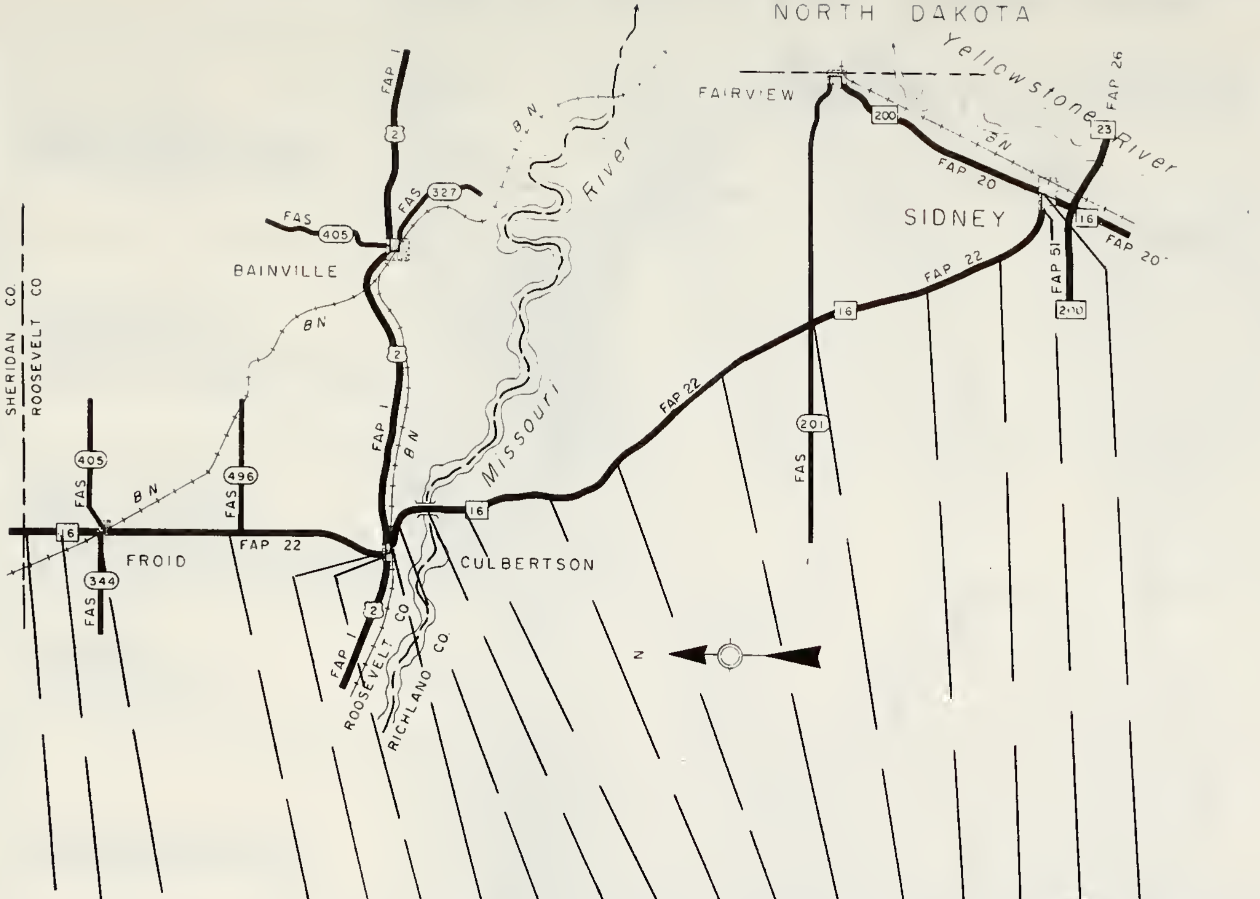
URBAN F.A. PRIMARY ROUTE 21
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST						
	▨	MILES						
MAJOR WIDENING	2 W	COST	182					182
		MILES	0.7					0.7
RESURFACING	2	COST					63	63
		MILES					1.2	1.2
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST					63	63
	▨	MILES					1.2	1.2
TOTAL ROADWAY	▨	COST	182				63	245
	▨	MILES	0.7				1.2	1.9
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST	182				63	245
	▨	MILES	0.7				1.2	1.9



BEGINNING MILE POST	0.0	0.5	7.5	17.9	20.9	29.3	41.1	42.3	43.3	52.6	63.7	63.8	64.0	64.3	BEGINNING MILE POST
LENGTH	0.5	7.0	10.2	3.0	8.4	11.8	1.1	1.0	9.2	11.1	0.1	0.2	0.2	7.5	LENGTH
YEAR BUILT	U	65	35	36	36	37	U	33	33	63	U	63	U	33	YEAR BUILT
YEAR IMPROVED	R	65	36	36	36	37	R	36	36	63	R	63	R	36	YEAR IMPROVED
SURFACE WIDTH	B	32	20	22	22	20	B	20	20	32	B	32	B	20	SURFACE WIDTH
ROADWAY WIDTH	A	32	24	25	25	24	A	24	24	32	A	32	A	24	ROADWAY WIDTH
SURFACE TYPE	N	PMS	BST	BST	BST	RMS	N	RMS	RMS	PMS	N	PMS	N	BST	SURFACE TYPE
ADT		592	411	281	362	652		1761	900	723		665		629	ADT
DHV		88	61	42	54	97		264	135	108		99		94	DHV
SERVICE VOLUME		672	184	249	435	406		526	327	621		1052		608	SERVICE VOLUME
FOUNDATION - 10		9	0	0	0	0		0	0	7		7		0	FOUNDATION - 10
SURFACE - 30		26	14	15	14	13		14	14	23		23		8	SURFACE - 30
DRAINAGE - 10		10	8	8	9	9		10	9	10		10		8	DRAINAGE - 10
SAFETY - 20		6	1	1	4	2		20	1	20		20		4	SAFETY - 20
CAPACITY - 30		28	25	27	28	26		22	24	27		29		28	CAPACITY - 30
SUFFICIENCY RATING		79	48	51	55	50		66	48	87		89		48	SUFFICIENCY RATING
ADJUSTED RATING		81	53	59	61	52		61	48	87		89		50	ADJUSTED RATING
DEFICIENT MILEAGE		1.48	5.33	1.48	3.79	5.92		.35	4.79	1.44		.02		3.90	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	NONE	SURF	2	2	2W	2W	SURF	2	2W	SURF	SURF	SURF	NONE	2	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	-	300	1607	469	457	1265	69	269	1170	480	4	8	-	1579	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	38	23	110	196	-	79	234	-	-	-	-	277	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	-	6-10	NOW	NOW	NOW	NOW	16-20	NOW	NOW	6-10	6-10	6-10	-	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 22
SHEET 1 OF 2



BEGINNING MILE POST	71.8	73.8	75.8	81.3	88.4	88.6	89.5	90.0	91.9	93.5	96.8	100.1	108.2	112.9	117.7	121.3	125.0	BEGINNING MILE POST
LENGTH	2.0	1.9	5.4	7.1	0.1	0.8	0.4	1.8	1.6	3.2	3.3	8.0	4.6	4.7	3.6	3.6	1.0	LENGTH
YEAR BUILT	33	71	71	59	U	U	61	33	34	37	70	40	40	40	38	37	U	YEAR BUILT
YEAR IMPROVED	36	71	71	59	R	R	61	58	36	41	70	49	49	49	49	49	R	YEAR IMPROVED
SURFACE WIDTH	20	32	32	32	B	B	36	20	20	24	34	24	24	24	24	24	B	SURFACE WIDTH
ROADWAY WIDTH	24	32	32	32	A	A	36	24	24	26	34	26	26	26	26	26	A	ROADWAY WIDTH
SURFACE TYPE	BST	PMS	PMS	PMS	N	N	PMS	PMS	BST	BST	PMS	BST	BST	PMS	PMS	PMS	N	SURFACE TYPE
ADT	567	646	638	771			689	638	600	607	619	633	654	778	925	2301		ADT
DHV	85	96	95	115			103	95	90	91	92	94	98	116	138	345		DHV
SERVICE VOLUME	608	532	592	406			560	311	515	470	360	448	255	277	387	277		SERVICE VOLUME
FOUNDATION - 10	0	10	10	5			7	0	0	0	8	0	0	0	0	0		FOUNDATION - 10
SURFACE - 30	10	28	28	18			16	9	8	10	24	8	12	12	13	14		SURFACE - 30
DRAINAGE - 10	5	10	10	10			10	7	10	7	10	8	8	8	8	9		DRAINAGE - 10
SAFETY - 20	4	3	5	10			20	2	2	5	20	7	2	4	4	2		SAFETY - 20
CAPACITY - 30	28	27	28	26			27	25	27	27	26	27	24	24	25	11		CAPACITY - 30
SUFFICIENCY RATING	47	78	81	69			80	43	47	49	88	50	46	48	50	36		SUFFICIENCY RATING
ADJUSTED RATING	50	79	82	70			81	45	50	52	89	52	48	49	49	29		ADJUSTED RATING
DEFICIENT MILEAGE	1.07	.43	1.03	2.21			.09	1.05	.87	1.66	.39	4.04	2.51	2.46	1.81	2.34		DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	SURF	SURF	SURF	SURF	SURF	SURF	2	2	2W	SURF	2	2W	2W	2W	2	2	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	422	82	230	300	4	43	22	401	337	330	142	1806	470	470	428	1254	430	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	31	-	-	-	-	-	-	1368	147	-	33	67	33	59	-	-	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	NOW	11-15	11-15	1-5	1-5	16-20	1-5	NOW	NOW	NOW	11-15	NOW	NOW	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 22
SHEET 2 OF 2

RURAL F.A. PRIMARY ROUTE 22
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

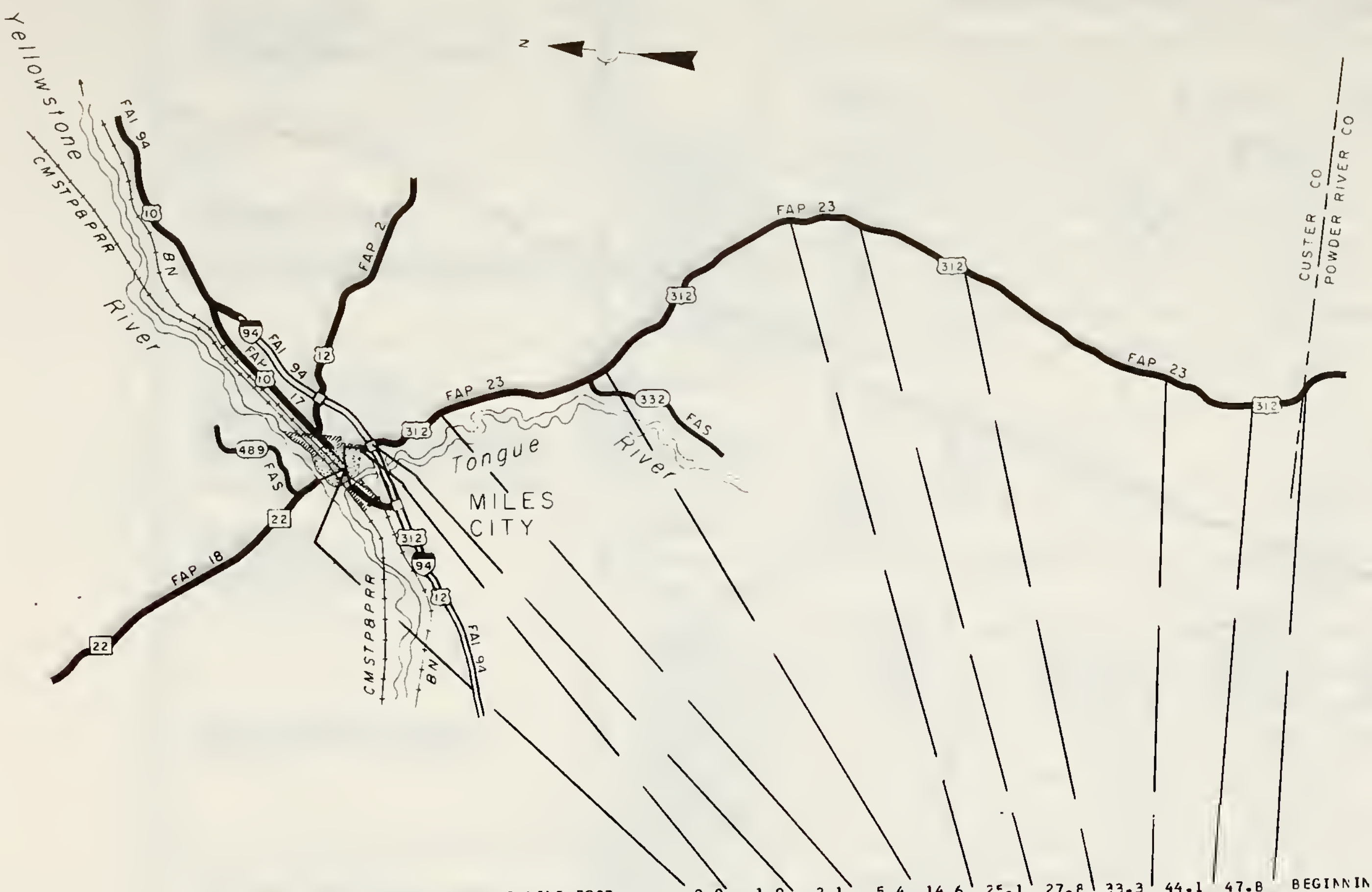
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	8,144					8,144
		MILES	38.7					38.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST	8,144					8,144
		MILES	38.7					38.7
MAJOR WIDENING	2 W	COST	4,590					4,590
		MILES	45.5					45.5
RESURFACING	2	COST		322	788	454		1,564
		MILES		7.5	18.3	10.6		36.4
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST		322	788	454		1,564
		MILES		7.5	18.3	10.6		36.4
TOTAL ROADWAY	▨	COST	12,734	322	788	454		14,298
		MILES	84.2	7.5	18.3	10.6		120.6
STRUCTURES	2	COST	2,662			33		2,695
	4	COST						
TOTAL STRUCTURES	▨	COST	2,662			33		2,695
GRAND TOTAL	▨	COST	15,396	32.2	788	487		16,993
		MILES	84.2	7.5	18.3	10.6		120.6

URBAN F.A. PRIMARY ROUTE 22

Estimated Cost of Reconstructing to Present Standards

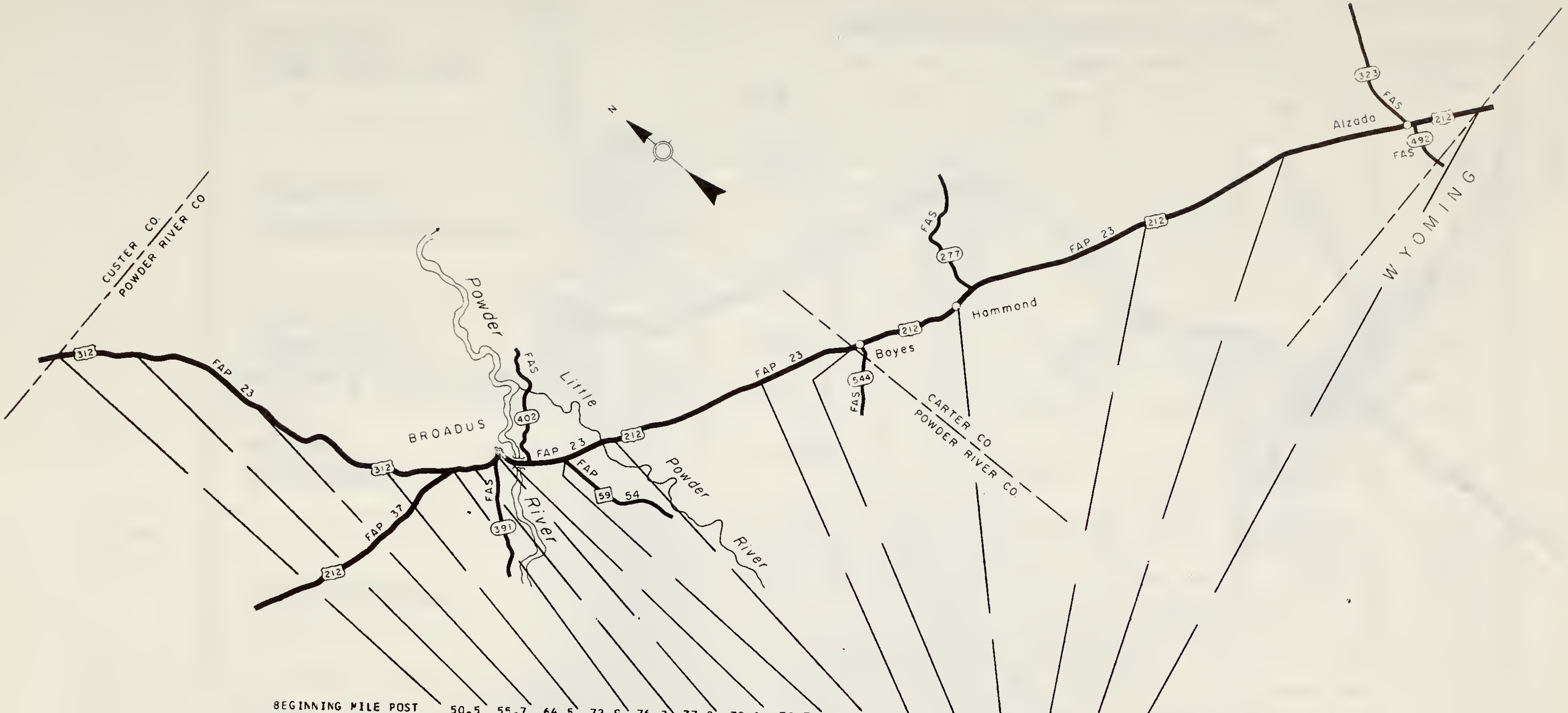
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	430					430
		MILES	1.0					1.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST	430					430
	▨	MILES	1.0					1.0
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST		4	4		112	120
		MILES		.1	.1		1.9	2.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST		4	4		112	120
	▨	MILES		.1	.1		1.9	2.1
TOTAL ROADWAY	▨	COST	430	4	4		112	550
	▨	MILES	1.0	.1	.1		1.9	3.1
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST	430	4	4		112	550
	▨	MILES	1.0	.1	.1		1.9	3.1



BEGINNING MILE POST	0.0	1.9	2.1	5.4	14.6	25.1	27.8	33.3	44.1	47.8	BEGINNING MILE POST
LENGTH	1.6	0.2	3.2	9.1	10.5	2.6	5.5	10.7	3.7	2.7	LENGTH
YEAR BUILT	U	20	20	36	62	62	31	31	32	52	YEAR BUILT
YEAR IMPROVED	R	36	36	36	62	62	47	47	60	52	YEAR IMPROVED
SURFACE WIDTH	B	22	22	22	30	30	20	20	18	22	SURFACE WIDTH
ROADWAY WIDTH	A	25	25	25	30	30	24	24	24	28	ROADWAY WIDTH
SURFACE TYPE	N	RMS	RMS	RMS	PMS	PMS	BST	BST	RMS	PMS	SURFACE TYPE
ADT		1643	1061	655	422	415	355	330	340	354	ADT
DHV		213	137	95	61	60	51	47	49	51	DHV
SERVICE VOLUME		225	284	425	510	485	492	465	138	196	SERVICE VOLUME
FOUNDATION - 10		0	0	0	5	7	0	0	0	0	FOUNDATION - 10
SURFACE - 30		13	13	10	16	18	10	10	11	15	SURFACE - 30
DRAINAGE - 10		8	8	7	10	10	7	4	4	10	DRAINAGE - 10
SAFETY - 20		20	1	2	6	9	4	2	1	3	SAFETY - 20
CAPACITY - 30		16	23	27	28	28	28	28	25	26	CAPACITY - 30
SUFFICIENCY RATING		57	45	46	65	72	49	44	41	54	SUFFICIENCY RATING
ADJUSTED RATING		52	43	48	70	76	56	51	48	60	ADJUSTED RATING
DEFICIENT MILEAGE		.08	1.80	4.93	3.69	.73	2.81	6.04	2.19	1.24	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	2	2W	2W	SURF	SURF	2	2	2	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	769	47	343	982	450	112	756	1486	874	236	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	47	190	-	-	63	105	64	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	6-10	6-10	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 23
SHEET OF 2



BEGINNING MILE POST	50.5	55.7	64.5	72.9	76.3	77.8	79.1	79.7	83.0	85.5	95.5	101.5	108.4	119.4	130.3
LENGTH	5.1	8.7	8.3	3.3	1.5	1.3	0.5	3.3	2.4	10.0	6.0	6.8	11.0	10.8	9.5
YEAR BUILT	52	49	29	28	69	28	U	40	31	53	54	54	55	55	65
YEAR IMPROVED	60	55	41	41	69	36	R	40	56	53	54	54	73	55	65
SURFACE WIDTH	24	24	24	24	28	20	B	24	20	24	24	24	28	28	40
ROADWAY WIDTH	28	24	24	24	28	22	A	24	24	28	28	28	28	28	40
SURFACE TYPE	RMS	RMS	BST	BST	PMS	BST	N	RMS	RMS	RMS	RMS	RMS	PMS	BST	PMS
ADT	393	432	465	509	1096	1388		914	545	560	590	586	634	630	652
DHV	56	62	67	73	158	201		132	79	81	85	84	91	91	97
SERVICE VOLUME	378	217	258	221	276	250		471	324	423	592	592	623	654	332
FOUNDATION - 10	0	0	0	2	9	0		0	0	0	0	2	4	2	4
SURFACE - 30	15	13	13	12	28	13		14	14	14	13	13	20	15	24
DRAINAGE - 10	10	9	10	8	10	4		9	7	10	10	10	10	10	10
SAFETY - 20	10	1	4	3	20	1		4	2	3	9	8	20	17	20
CAPACITY - 30	28	26	26	25	21	18		26	26	27	28	28	28	28	26
SUFFICIENCY RATING	63	49	53	50	88	36		53	49	54	60	61	82	72	84
ADJUSTED RATING	68	54	58	54	87	33		53	52	57	63	64	83	74	85
DEFICIENT MILEAGE	1.91	4.48	3.94	1.69	.18	.83		1.58	1.24	4.60	2.41	2.68	1.98	3.03	1.52
PROPOSED IMPROVEMENT	2W	2	2W	SURF	2	SURF	2W	2W	2	2W	2W	2W	SURF	SURF	SURF
COST OF ROADWAY (000)	257	1372	547	221	41	380	63	474	535	922	671	734	296	290	410
COST OF STRUCTURE (000)	-	35	40	-	-	-	-	-	-	335	-	-	-	-	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	1-5	NOW	1-5	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	6-10

BEGINNING MILE POST.
LENGTH
YEAR BUILT
YEAR IMPROVED
SURFACE WIDTH
ROADWAY WIDTH
SURFACE TYPE
ADT
DHV
SERVICE VOLUME
FOUNDATION - 10
SURFACE - 30
DRAINAGE - 10
SAFETY - 20
CAPACITY - 30
SUFFICIENCY RATING
ADJUSTED RATING
DEFICIENT MILEAGE
PROPOSED IMPROVEMENT
COST OF ROADWAY (000)
COST OF STRUCTURE (000)
TIME OF IMPROVEMENT

FAP ROUTE NO 23
SHEET 2 OF 2

RURAL F.A. PRIMARY ROUTE 23
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

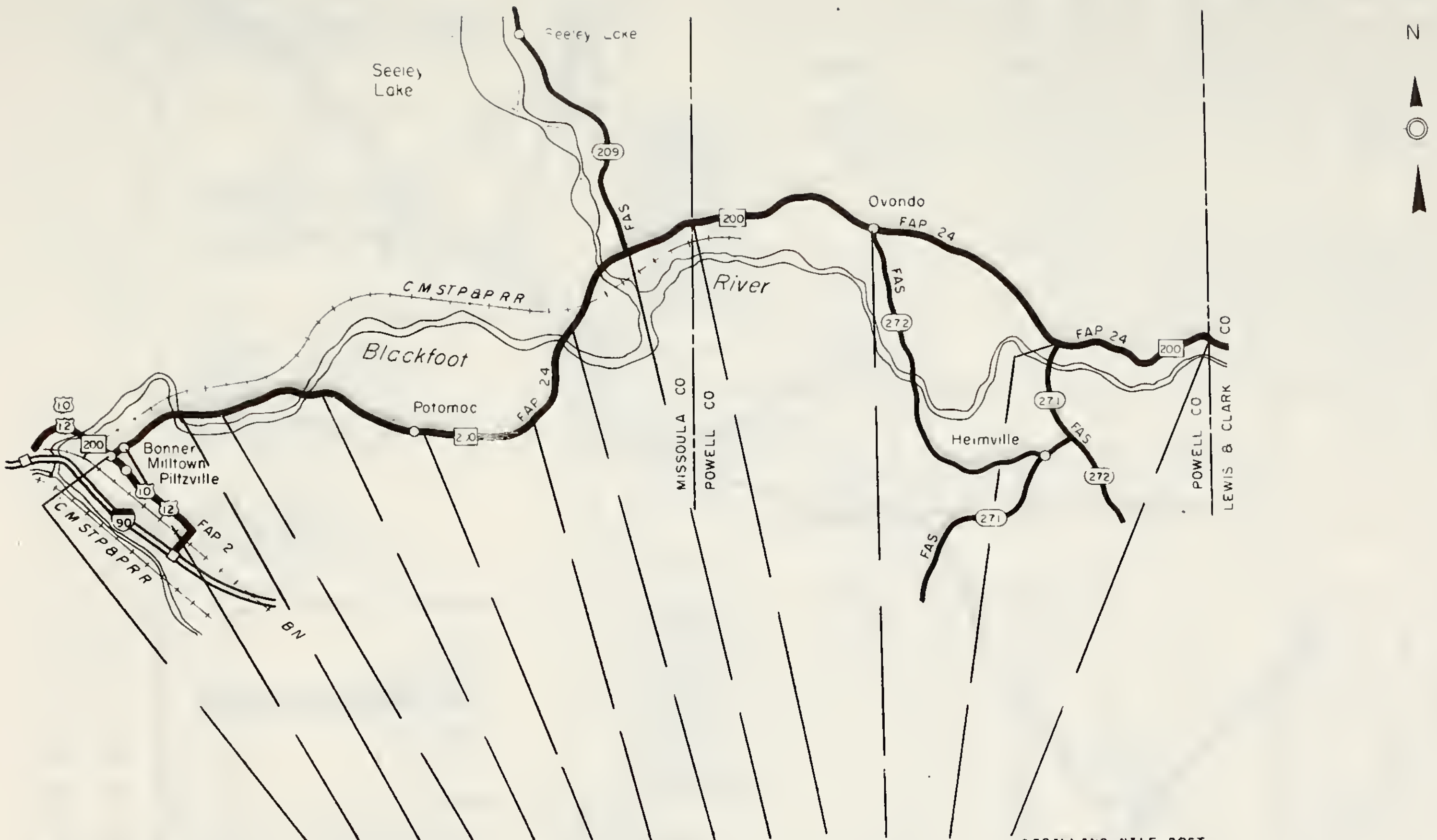
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	5,111					5,111
		MILES	32.7					32.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	5,111					5,111
		MILES	32.7					32.7
MAJOR WIDENING	2 W	COST	5,166					5,166
		MILES	54.5					54.5
RESURFACING	2	COST	586	601	972			2,159
		MILES	21.8	4.6	22.6			49.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	586	601	972			2,159
		MILES	21.8	4.6	22.6			49.0
TOTAL ROADWAY		COST	10,863	601	972			12,436
		MILES	109.0	4.6	22.6			136.2
STRUCTURES	2	COST	879					879
	4	COST						
TOTAL STRUCTURES		COST	879					879
GRAND TOTAL		COST	11,742	601	972			13,315
		MILES	109.0	4.6	22.6			136.2

URBAN F.A. PRIMARY ROUTE 23

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

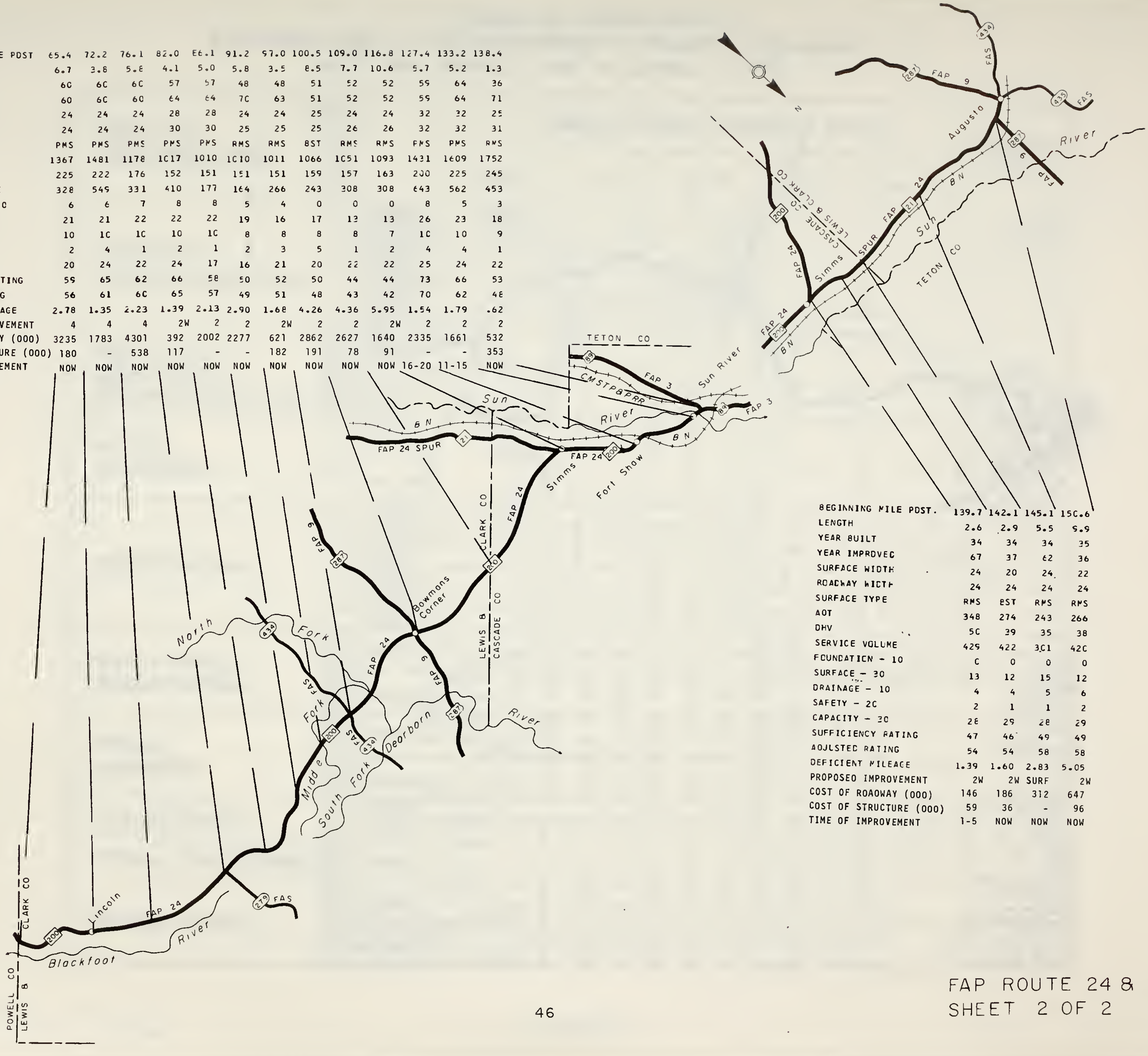
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	769					769
		MILES	1.6					1.6
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	769					769
		MILES	1.6					1.6
MAJOR WIDENING	2 W	COST	63					63
		MILES	0.5					0.5
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	832					832
		MILES	2.1					2.1
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	832					832
		MILES	2.1					2.1



BEGINNING MILE POST	0.0	0.8	4.9	7.5	12.2	16.0	22.6	26.7	31.8	35.6	43.1	55.6	BEGINNING MILE POST
LENGTH	0.7	4.0	2.6	4.6	3.8	6.5	4.0	5.1	3.7	7.4	12.5	9.8	LENGTH
YEAR BUILT	U	36	68	40	41	68	41	49	54	61	61	61	YEAR BUILT
YEAR IMPROVED	N	37	68	42	63	68	49	49	54	61	61	61	YEAR IMPROVED
SURFACE WIDTH	D C	20	40	20	24	40	25	25	24	24	24	24	SURFACE WIDTH
ROADWAY WIDTH	E O	24	40	24	24	40	25	25	30	26	26	26	ROADWAY WIDTH
SURFACE TYPE	R N	RMS	PMS	RMS	RMS	PMS	BST	BST	RMS	PMS	PMS	PMS	SURFACE TYPE
ADT	S	2050	1911	1714	1560	1524	1482	1418	1298	1238	1165	1153	ADT
DHV	T	338	315	282	257	251	244	233	214	204	192	190	DHV
SERVICE VOLUME	R	186	450	186	120	420	182	438	235	316	334	184	SERVICE VOLUME
FOUNDATION - 10	U	3	8	0	0	9	0	0	0	7	8	8	FOUNDATION - 10
SURFACE - 30	C	17	25	10	8	28	8	9	11	23	22	23	SURFACE - 30
DRAINAGE - 10	T	4	10	5	6	10	7	8	10	10	10	10	DRAINAGE - 10
SAFETY - 20	I	1	3	1	1	6	6	3	5	4	3	2	SAFETY - 20
CAPACITY - 30	O	3	20	7	0	21	10	22	16	20	21	15	CAPACITY - 30
SUFFICIENCY RATING	N	28	66	23	15	74	31	42	42	64	64	58	SUFFICIENCY RATING
ADJUSTED RATING		23	61	19	13	71	28	38	39	62	62	56	ADJUSTED RATING
DEFICIENT MILEAGE		2.90	.89	3.59	3.24	1.70	2.77	3.00	2.20	2.69	4.50	4.11	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT		4	4	4	4	4	4	4	4	4	4	4	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)		3298	1041	3782	3058	2643	3219	3242	2369	3492	5818	4562	COST OF ROADWAY (000)
COST OF STRUCTURE (000)		-	396	1418	-	-	559	204	-	180	164	103	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT		NOW	6-10	NOW	NOW	11-15	NOW	NOW	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 24
SHEET 1 OF 2

BEGINNING MILE POST	65.4	72.2	76.1	82.0	86.1	91.2	97.0	100.5	109.0	116.8	127.4	133.2	138.4
LENGTH	6.7	3.8	5.8	4.1	5.0	5.8	3.5	8.5	7.7	10.6	5.7	5.2	1.3
YEAR BUILT	60	60	60	57	57	48	48	51	52	52	59	64	36
YEAR IMPROVED	60	60	60	64	64	70	63	51	52	52	59	64	71
SURFACE WIDTH	24	24	24	28	28	24	24	25	24	24	32	32	25
ROADWAY WIDTH	24	24	24	30	30	25	25	25	26	26	32	32	31
SURFACE TYPE	PMS	PMS	PMS	PMS	PMS	RMS	RMS	BST	RMS	RMS	PMS	PMS	RMS
ADT	1367	1481	1178	1017	1010	1010	1011	1066	1051	1093	1431	1609	1752
DHV	225	222	176	152	151	151	151	159	157	163	200	225	245
SERVICE VOLUME	328	549	331	410	177	164	266	243	308	308	643	562	453
FOUNDATION - 10	6	6	7	8	8	5	4	0	0	0	8	5	3
SURFACE - 30	21	21	22	22	22	19	16	17	13	13	26	23	18
DRAINAGE - 10	10	10	10	10	10	8	8	8	8	7	10	10	9
SAFETY - 20	2	4	1	2	1	2	3	5	1	2	4	4	1
CAPACITY - 30	20	24	22	24	17	16	21	20	22	22	25	24	22
SUFFICIENCY RATING	59	65	62	66	58	50	52	50	44	44	73	66	53
ADJUSTED RATING	56	61	60	65	57	49	51	48	43	42	70	62	48
DEFICIENT MILEAGE	2.78	1.35	2.23	1.39	2.13	2.90	1.68	4.26	4.36	5.95	1.54	1.79	.62
PROPOSED IMPROVEMENT	4	4	4	2W	2	2	2W	2	2	2W	2	2	2
COST OF ROADWAY (000)	3235	1783	4301	392	2002	2277	621	2862	2627	1640	2335	1661	532
COST OF STRUCTURE (000)	180	-	538	117	-	-	182	191	78	91	-	-	353
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	16-20	11-15	NOW

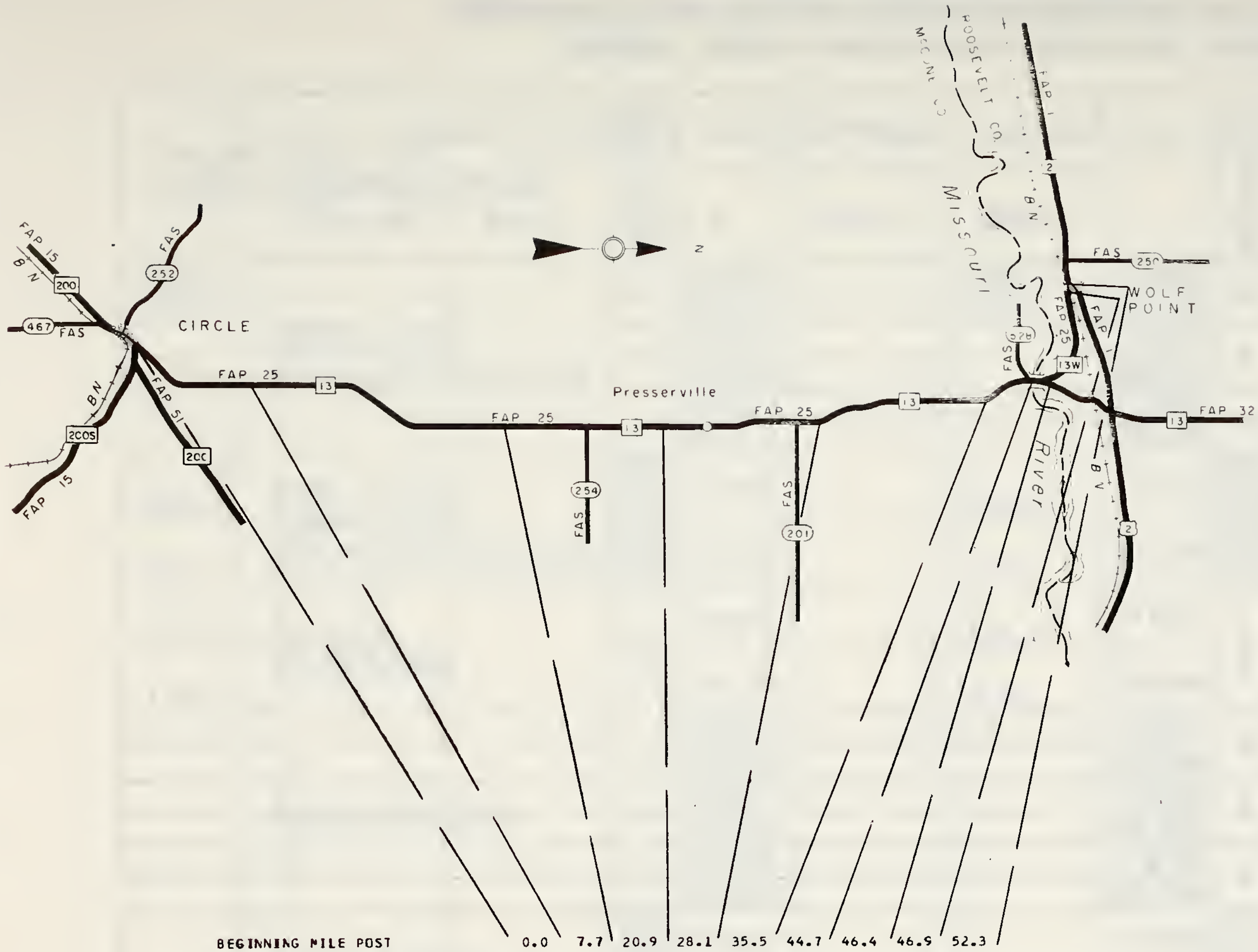


BEGINNING MILE POST.	139.7	142.1	145.1	150.6
LENGTH	2.6	2.9	5.5	9.9
YEAR BUILT	34	34	34	35
YEAR IMPROVED	67	37	62	36
SURFACE WIDTH	24	20	24	22
ROADWAY WIDTH	24	24	24	24
SURFACE TYPE	RMS	BST	RMS	RMS
ADT	348	274	243	266
DHV	50	39	35	38
SERVICE VOLUME	429	422	301	420
FOUNDATION - 10	0	0	0	0
SURFACE - 30	13	12	15	12
DRAINAGE - 10	4	4	5	6
SAFETY - 20	2	1	1	2
CAPACITY - 30	28	29	28	29
SUFFICIENCY RATING	47	46	49	49
ADJUSTED RATING	54	54	58	58
DEFICIENT MILEAGE	1.39	1.60	2.83	5.05
PROPOSED IMPROVEMENT	2W	2W	SURF	2W
COST OF ROADWAY (000)	146	186	312	647
COST OF STRUCTURE (000)	59	36	-	96
TIME OF IMPROVEMENT	1-5	NOW	NOW	NOW

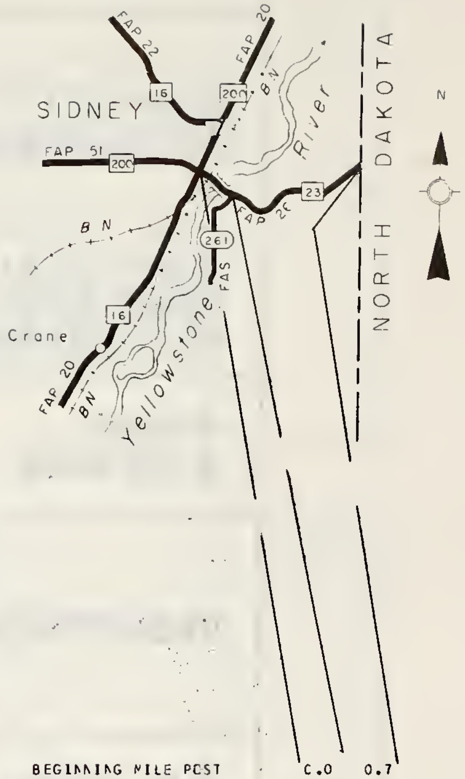
FAP ROUTE 24 & SPUR
SHEET 2 OF 2

RURAL F.A. PRIMARY ROUTE 24
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	10,300			1,661	2,335	14,296
		MILES	28.3			5.2	5.7	39.2
	3	COST						
		MILES						
	4	COST	42,159		1,041	2,643		45,843
		MILES	71.2		2.6	6.5		80.3
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	52,459		1,041	4,304	2,335	60,139
		MILES	99.5		2.6	11.7	5.7	119.5
MAJOR WIDENING	2 W	COST	3,486	146				3,632
		MILES	31.0	2.6				33.6
RESURFACING	2	COST	312					312
		MILES	5.5					5.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	312					312
		MILES	5.5					5.5
TOTAL ROADWAY		COST	56,257	146	1,041	4,304	2,335	64,083
		MILES	136.0	2.6	2.6	11.7	5.7	158.6
STRUCTURES	2	COST	1,144				59	1,203
	4	COST	3,346		396			3,742
TOTAL STRUCTURES		COST	4,490		396		59	4,945
GRAND TOTAL		COST	60,747	146	1,437	4,304	2,394	69,028
		MILES	136.0	2.6	2.6	11.7	5.7	158.6



BEGINNING MILE POST	0.0	7.7	20.9	28.1	35.5	44.7	46.4	46.9	52.3
LENGTH	7.6	13.1	7.2	7.4	5.2	1.7	0.4	5.4	0.4
YEAR BUILT	36	36	35	40	37	30	30	30	U
YEAR IMPROVED	56	55	40	40	37	36	56	56	R
SURFACE WIDTH	20	20	20	20	20	20	20	24	B
ROADWAY WIDTH	24	25	24	24	25	24	24	24	A
SURFACE TYPE	RMS	RMS	RMS	RMS	RMS	BST	RMS	RMS	N
ADT	656	627	584	559	609	741	931	967	
DHV	85	81	75	72	79	96	121	125	
SERVICE VOLUME	126	315	238	203	185	126	220	371	
FOUNDATION - 10	0	0	0	0	0	0	0	0	
SURFACE - 30	11	8	11	11	16	13	12	13	
DRAINAGE - 10	8	6	7	7	6	6	10	7	
SAFETY - 20	1	1	3	3	3	1	2	2	
CAPACITY - 30	20	26	25	25	24	19	22	25	
SUFFICIENCY RATING	40	41	46	46	51	39	46	47	
ADJUSTED RATING	42	43	49	49	54	40	45	46	
DEFICIENT MILEAGE	4.56	7.75	3.88	3.99	4.52	1.06	.22	2.90	
PROPOSED IMPROVEMENT	2	2	2	2W	2W	2W	2W	2W	SURF
COST OF ROADWAY (000)	2275	3870	1709	1145	1423	293	66	814	47
COST OF STRUCTURE (000)	275	295	354	222	98	1767	-	138	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	11-15



BEGINNING MILE POST	0.0	0.7
LENGTH	0.7	6.7
YEAR BUILT	33	33
YEAR IMPROVED	36	55
SURFACE WIDTH	20	20
ROADWAY WIDTH	24	24
SURFACE TYPE	BST	RMS
ADT	846	321
DHV	109	41
SERVICE VOLUME	392	422
FOUNDATION - 10	0	0
SURFACE - 30	13	10
DRAINAGE - 10	10	5
SAFETY - 20	1	1
CAPACITY - 30	26	29
SUFFICIENCY RATING	50	45
ADJUSTED RATING	50	52
DEFICIENT MILEAGE	.38	3.71
PROPOSED IMPROVEMENT	2W	2
COST OF ROADWAY (000)	95	1045
COST OF STRUCTURE (000)	1642	62
TIME OF IMPROVEMENT	NOW	NOW

FAP ROUTE NO 25 & 26
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 25
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	7,854					7,854
		MILES	27.9					27.9
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	7,854					7,854
		MILES	27.9					27.9
MAJOR WIDENING	2 W	COST	3,741					3,741
		MILES	24.1					24.1
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	11,595					11,595
		MILES	52.0					52.0
STRUCTURES	2	COST	3,149					3,149
	4	COST						
TOTAL STRUCTURES		COST	3,149					3,149
GRAND TOTAL		COST	14,744					14,744
		MILES	52.0					52.0

URBAN F.A. PRIMARY ROUTE 25

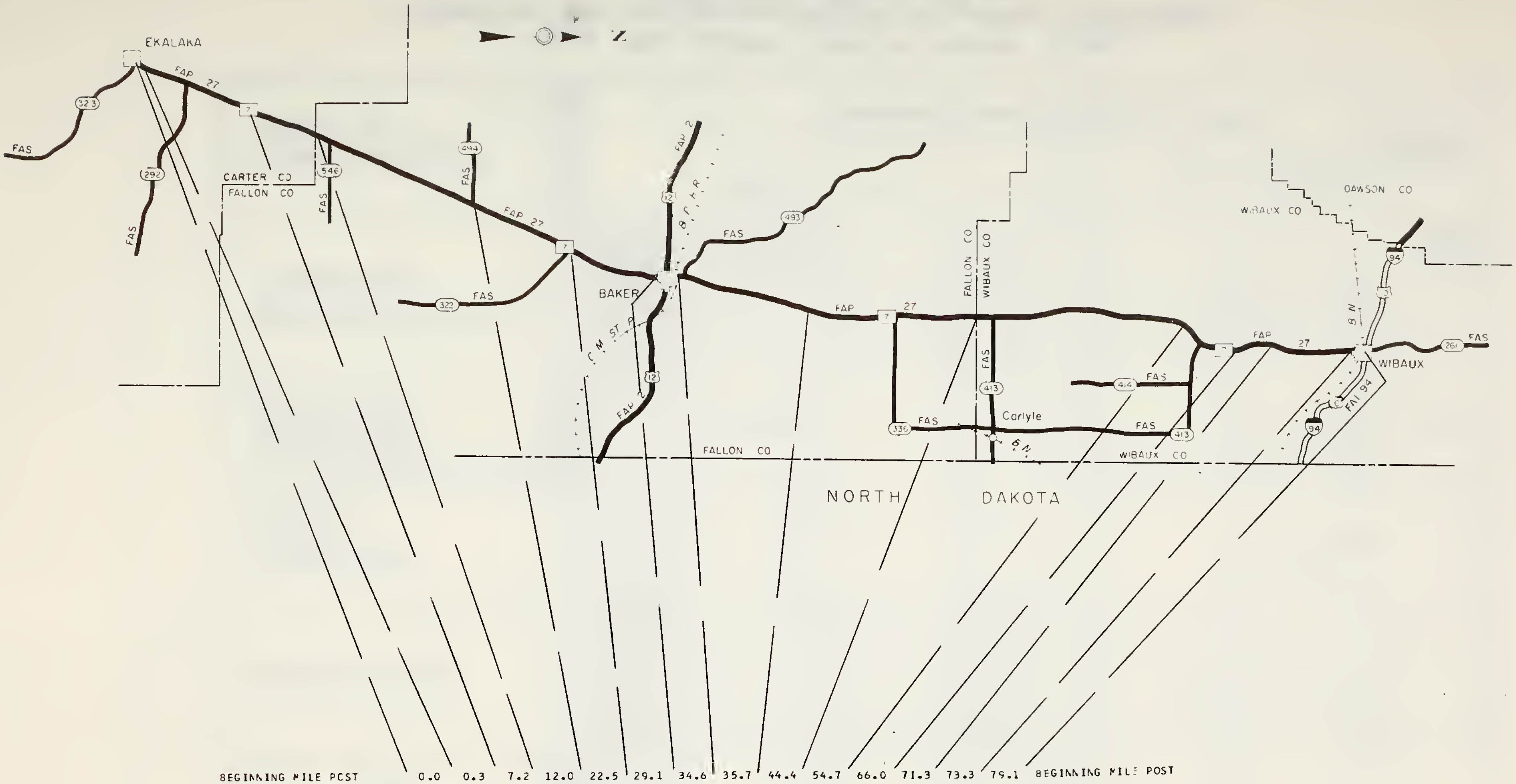
Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST						
		MILES						
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST				47		47
		MILES				.4		.4
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST				47		47
		MILES				.4		.4
TOTAL ROADWAY	▨	COST				47		47
		MILES				.4		.4
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST				47		47
		MILES				.4		.4

RURAL F.A. PRIMARY ROUTE 26
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	1,045					1,045
		MILES	6.7					6.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,045					1,045
		MILES	6.7					6.7
MAJOR WIDENING	2 W	COST	95					95
		MILES	0.7					0.7
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	1,140					1,140
		MILES	7.4					7.4
STRUCTURES	2	COST	1,704					1,704
	4	COST						
TOTAL STRUCTURES		COST	1,704					1,704
GRAND TOTAL		COST	2,844					2,844
		MILES	7.4					7.4



BEGINNING MILE POST	0.0	0.3	7.2	12.0	22.5	29.1	34.6	35.7	44.4	54.7	66.0	71.3	73.3	79.1	BEGINNING MILE POST
LENGTH	0.3	6.9	4.8	10.4	6.6	5.5	1.1	8.6	10.2	11.2	5.3	2.0	5.7	0.9	LENGTH
YEAR BUILT	U	50	50	50	48	48	U	57	58	65	65	65	65	U	YEAR BUILT
YEAR IMPROVED	R	50	50	50	48	48	R	60	58	65	65	65	65	R	YEAR IMPROVED
SURFACE WIDTH	B	22	22	22	25	25	B	28	30	28	28	28	28	B	SURFACE WIDTH
ROADWAY WIDTH	A	24	24	24	25	25	A	28	30	28	28	28	28	A	ROADWAY WIDTH
SURFACE TYPE	N	PMS	PMS	PMS	BST	BST	N	RMS	BST	PMS	PMS	PMS	PMS	N	SURFACE TYPE
ADT		323	294	315	347	631		698	398	362	436	500	533		ADT
DHV		41	38	40	45	82		90	51	47	56	65	69		DHV
SERVICE VOLUME		431	243	428	469	243		327	367	600	579	353	552		SERVICE VOLUME
FOUNDATION - 10		0	0	0	0	0		2	0	8	9	10	9		FOUNDATION - 10
SURFACE - 30		14	14	8	10	11		14	12	26	26	27	26		SURFACE - 30
DRAINAGE - 10		10	10	10	9	9		10	10	10	10	10	10		DRAINAGE - 10
SAFETY - 20		3	1	1	2	2		9	4	3	2	2	6		SAFETY - 20
CAPACITY - 30		29	28	29	29	25		26	28	29	29	27	28		CAPACITY - 30
SUFFICIENCY RATING		56	53	48	50	47		61	54	76	76	76	79		SUFFICIENCY RATING
ADJUSTED RATING		63	61	55	57	49		62	60	81	80	79	81		ADJUSTED RATING
DEFICIENT MILEAGE		3.03	2.26	5.42	3.30	2.92		3.37	4.72	2.70	1.27	.49	1.20		DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2W	2W	2	2W	2	2W	2W	SURF	SURF	SURF	SURF	SURF	SURF	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	129	411	403	677	1472	551	287	231	297	480	226	86	245	271	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	75	30	45	-	-	-	-	-	57	24	37	79	43	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	1-5	1-5	6-10	6-10	6-10	6-10	NOW	TIME OF IMPROVEMENT

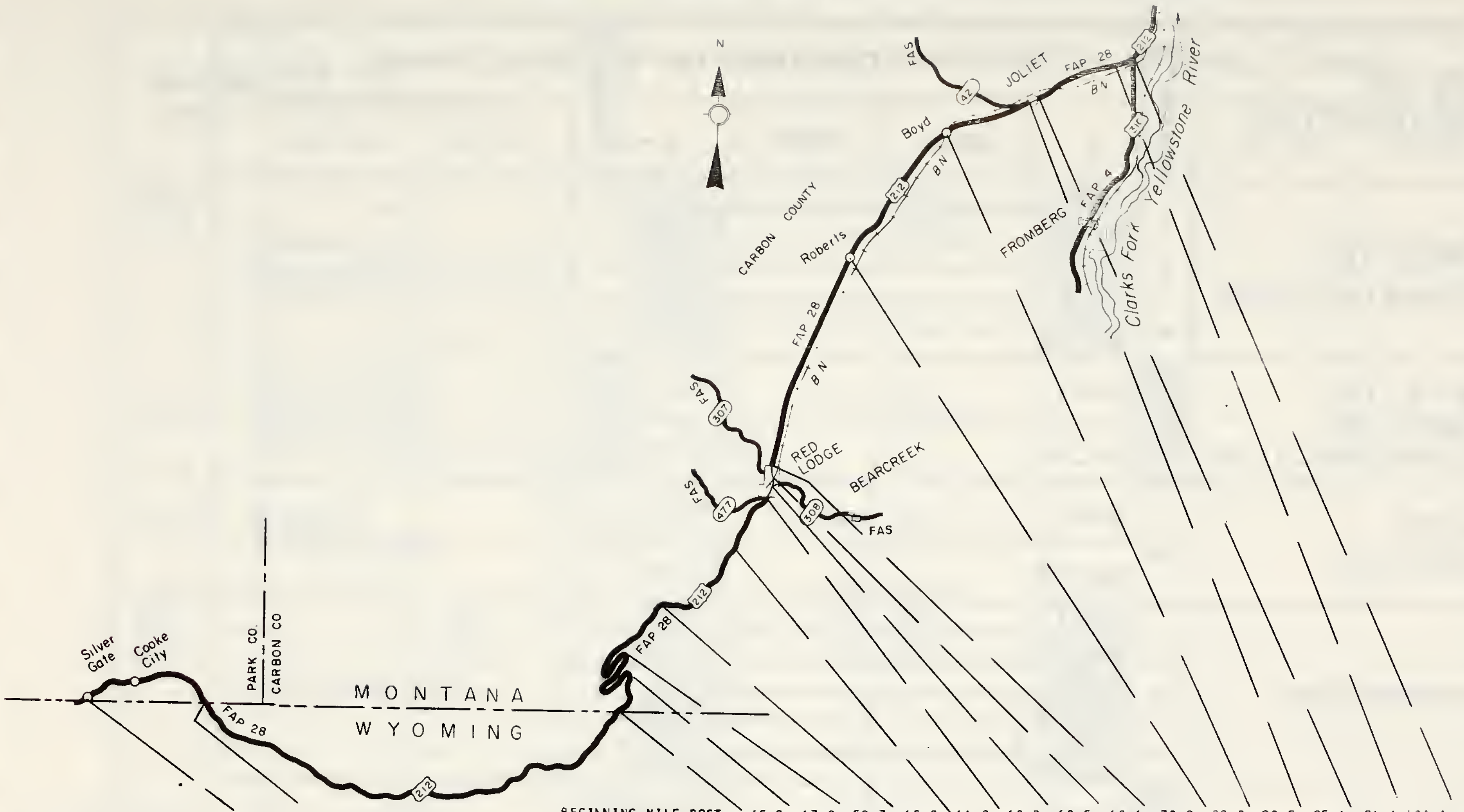
FAP ROUTE 27
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 27
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	1,875					1,875
		MILES	11.4					11.4
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,875					1,875
		MILES	11.4					11.4
MAJOR WIDENING	2 W	COST	1,639					1,639
		MILES	22.8					22.8
RESURFACING	2	COST		528	1,037			1,565
		MILES		18.8	24.2			43.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		528	1,037			1,565
		MILES		18.8	24.2			43.0
TOTAL ROADWAY		COST	3,514	528	1,037			5,079
		MILES	34.2	18.8	24.2			77.2
STRUCTURES	2	COST	150		197			347
	4	COST						
TOTAL STRUCTURES		COST	150		197			347
GRAND TOTAL		COST	3,664	528	1,234			5,426
		MILES	34.2	18.8	24.2			77.2

URBAN F.A. PRIMARY ROUTE 27
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	687					687
		MILES	2.3					2.3
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	687					687
		MILES	2.3					2.3
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	687					687
		MILES	2.3					2.3



BEGINNING MILE POST	0.0
LENGTH	8.7
YEAR BUILT	36
YEAR IMPROVED	36
SURFACE WIDTH	18
ROADWAY WIDTH	18
SURFACE TYPE	BST
ADT	295
DHV	66
SERVICE VOLUME	179
FOUNDATION - 10	4
SURFACE - 30	18
DRAINAGE - 10	6
SAFETY - 20	0
CAPACITY - 30	24
SUFFICIENCY RATING	52
ADJUSTED RATING	60
DEFICIENT MILEAGE	4.17
PROPOSED IMPROVEMENT	2
COST OF ROADWAY (000)	2061
COST OF STRUCTURE (000)	7
TIME OF IMPROVEMENT	NOW

BEGINNING MILE POST	45.0	47.3	53.7	60.0	64.2	68.3	68.5	68.6	70.3	82.0	90.9	95.4	96.4	101.1	BEGINNING MILE POST
LENGTH	2.3	6.4	6.2	4.2	4.1	0.2	0.1	1.5	11.7	8.9	4.4	1.0	4.8	0.5	LENGTH
YEAR BUILT	65	65	65	69	34	U	34	U	21	36	U	U	U	68	YEAR BUILT
YEAR IMPROVED	65	65	65	69	57	R	57	R	54	36	N	R	N	68	YEAR IMPROVED
SURFACE WIDTH	28	28	28	34	22	B	22	B	22	21	D C	B	D C	40	SURFACE WIDTH
ROADWAY WIDTH	28	28	28	34	22	A	24	A	24	24	E O	A	E O	40	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	PMS	PMS	RMS	N	RMS	N	RMS	RMS	R N	N	R N	PMS	SURFACE TYPE
ADT	328	398	459	560	1039		1289		1204	1089	S		S	1758	ADT
DHV	73	89	112	126	233		290		240	217	T		T	351	DHV
SERVICE VOLUME	248	291	394	447	510		508		544	486	R		R	309	SERVICE VOLUME
FOUNDATION - 10	8	7	8	9	0		0		0	0	U		U	7	FOUNDATION - 10
SURFACE - 30	22	23	24	26	10		10		11	13	C		C	25	SURFACE - 30
DRAINAGE - 10	10	10	10	10	8		8		8	8	T		T	10	DRAINAGE - 10
SAFETY - 20	1	0	1	8	1		20		2	2	I		I	20	SAFETY - 20
CAPACITY - 30	26	25	26	26	23		21		23	23	O		O	13	CAPACITY - 30
SUFFICIENCY RATING	67	65	69	79	42		59		44	46	N		N	75	SUFFICIENCY RATING
ADJUSTED RATING	73	70	72	81	41		56		42	44				71	ADJUSTED RATING
DEFICIENT MILEAGE	.76	2.24	1.94	.88	2.40		.04		6.55	4.82				.14	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	2	SURF	SURF	2	2W	2W	SURF	2W	2W	-	2W	-	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	132	638	348	376	1068	68	33	357	1475	1122	-	335	-	22	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	-	-	83	-	-	-	-	115	-	-	-	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	-	NOW	-	11-15	TIME OF IMPROVEMENT

FAP ROUTE NO 28
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 28
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

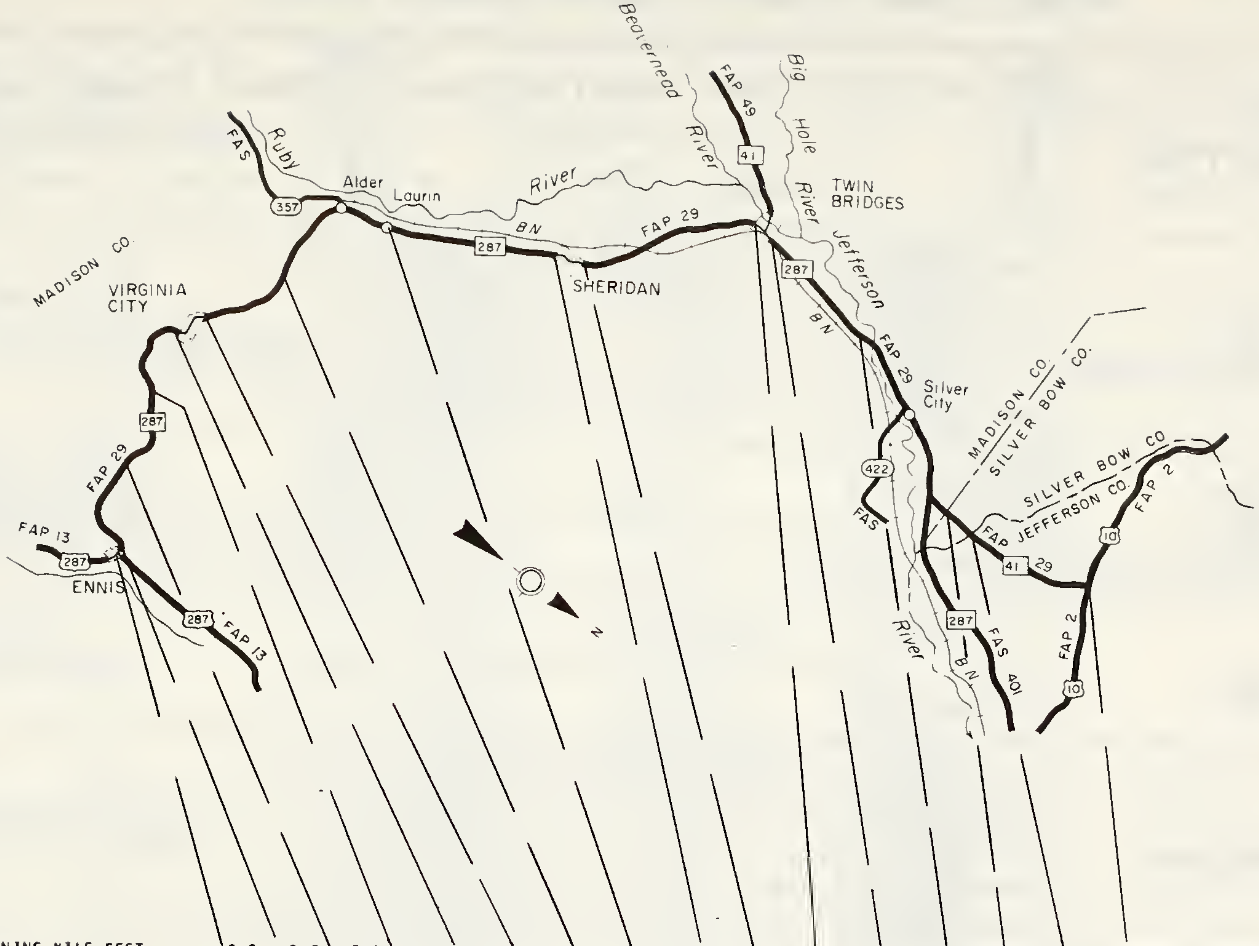
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	3,899					3,899
		MILES	21.5					21.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST	3,899					3,899
	▨	MILES	21.5					21.5
MAJOR WIDENING	2 W	COST	2,630					2,630
		MILES	20.7					20.7
RESURFACING	2	COST	724			22		746
		MILES	10.4			0.5		10.9
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST	724			22		746
	▨	MILES	10.4			0.5		10.9
TOTAL ROADWAY	▨	COST	7,253			22		7,275
	▨	MILES	52.6			0.5		53.1
STRUCTURES	2	COST	205					205
	4	COST						
TOTAL STRUCTURES	▨	COST	205					205
GRAND TOTAL	▨	COST	7,458			22		7,480
	▨	MILES	52.6			0.5		53.1

URBAN F.A. PRIMARY ROUTE 28

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	403					403
		MILES	1.2					1.2
RESURFACING	2	COST	357					357
		MILES	1.5					1.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	357					357
		MILES	1.5					1.5
TOTAL ROADWAY		COST	760					760
		MILES	2.7					2.7
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	760					760
		MILES	2.7					2.7



BEGINNING MILE POST	0.0	0.2	5.6	10.7	13.0	14.8	19.9	25.1	33.0	34.1	42.2	43.2	49.9	58.3	59.8	BEGINNING MILE POST.
LENGTH	D.2	5.4	5.0	2.3	1.7	5.1	5.2	7.9	1.1	8.0	1.0	6.6	8.5	1.4	5.8	LENGTH
YEAR BUILT	U	50	51	56	U	45	42	40	U	39	U	39	36	36	36	YEAR BUILT
YEAR IMPROVED	R	50	51	56	R	45	42	40	R	39	R	39	36	63	36	YEAR IMPROVED
SURFACE WIDTH	8	24	28	28	8	20	20	20	8	20	8	20	18	22	18	SURFACE WIDTH
ROADWAY WIDTH	A	24	32	28	A	24	24	24	A	24	A	24	24	24	24	ROADWAY WIDTH
SURFACE TYPE	N	RMS	RMS	PMS	N	RMS	RMS	RMS	N	RMS	N	RMS	RMS	RMS	RMS	SURFACE TYPE
ADT		715	512	582		708	752	811		994		1108	947	301	306	ADT
DHV		150	107	122		148	157	170		208		166	142	45	45	DHV
SERVICE VOLUME		420	243	194		315	390	435		486		390	155	479	449	SERVICE VOLUME
FOUNDATION - 10		5	5	6		4	0	0		0		0	0	0	0	FOUNDATION - 10
SURFACE - 30		18	17	19		18	15	12		11		15	12	10	10	SURFACE - 30
DRAINAGE - 10		7	8	10		5	8	8		8		5	6	5	5	DRAINAGE - 10
SAFETY - 20		1	4	9		2	2	3		3		9	1	1	1	SAFETY - 20
CAPACITY - 30		25	23	21		23	24	24		24		24	16	29	28	CAPACITY - 30
SUFFICIENCY RATING		56	57	65		52	49	47		46		53	35	45	44	SUFFICIENCY RATING
ADJUSTED RATING		57	61	68		53	50	47		45		51	34	53	51	ADJUSTED RATING
DEFICIENT MILEAGE		2.39	2.16	.81		2.45	2.67	4.20		4.33		3.11	5.53	.81	3.25	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2W	2W	2W	SURF	2W	2W	2W	2W	SURF	2W	NONE	2W	2	2	2	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	61	826	784	100	694	913	575	997	50	956	-	957	2533	224	1463	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	-	-	-	168	-	72	-	54	-	-	172	-	136	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	1-5	NOW	-	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 29
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 29
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	4,220					4,220
		MILES	15.7					15.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	4,220					4,220
		MILES	15.7					15.7
MAJOR WIDENING	2 W	COST	6,008					6,008
		MILES	43.2					43.2
RESURFACING	2	COST	100					100
		MILES	2.3					2.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	100					100
		MILES	2.3					2.3
TOTAL ROADWAY		COST	10,328					10,328
		MILES	61.2					61.2
STRUCTURES	2	COST	602					602
	4	COST						
TOTAL STRUCTURES		COST	602					602
GRAND TOTAL		COST	10,930					10,930
		MILES	61.2					61.2

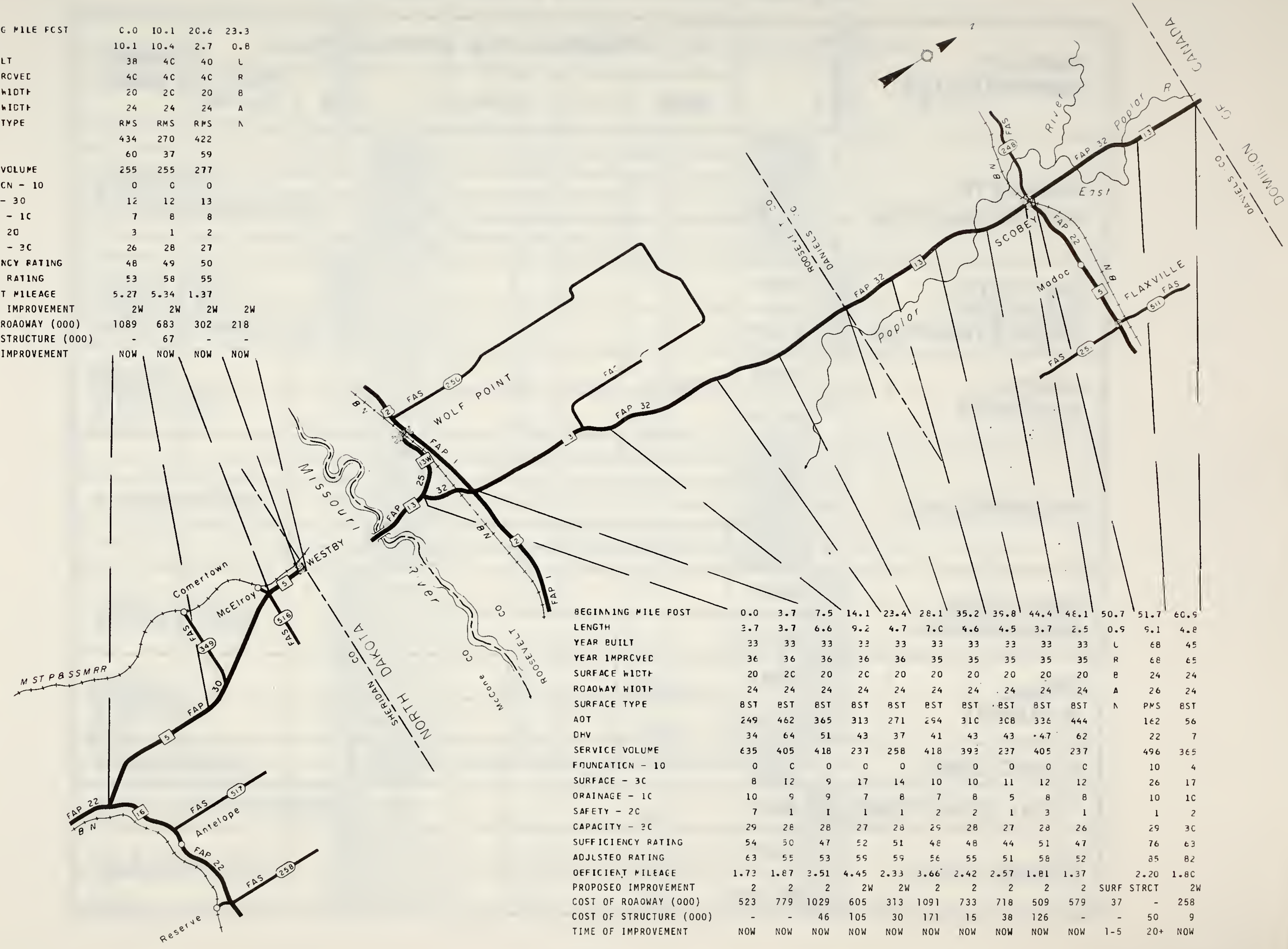
URBAN F.A. PRIMARY ROUTE 29

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	755					755
		MILES	1.9					1.9
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST		50				50
		MILES		1.1				1.1
SUB-TOTAL RESURFACING		COST		50				50
		MILES		1.1				1.1
TOTAL ROADWAY		COST	755	50				805
		MILES	1.9	1.1				3.0
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	755	50				805
		MILES	1.9	1.1				3.0

BEGINNING MILE POST	0.0	10.1	20.6	23.3
LENGTH	10.1	10.4	2.7	0.8
YEAR BUILT	38	40	40	U
YEAR IMPROVED	40	40	40	R
SURFACE WIDTH	20	20	20	B
ROADWAY WIDTH	24	24	24	A
SURFACE TYPE	RMS	RMS	RMS	N
ADT	434	270	422	
DHV	60	37	59	
SERVICE VOLUME	255	255	277	
FOUNDATION - 10	0	0	0	
SURFACE - 30	12	12	13	
DRAINAGE - 10	7	8	8	
SAFETY - 20	3	1	2	
CAPACITY - 30	26	28	27	
SUFFICIENCY RATING	48	49	50	
ADJUSTED RATING	53	58	55	
DEFICIENT MILEAGE	5.27	5.34	1.37	
PROPOSED IMPROVEMENT	2W	2W	2W	2W
COST OF ROADWAY (000)	1089	683	302	218
COST OF STRUCTURE (000)	-	67	-	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW



BEGINNING MILE POST	0.0	3.7	7.5	14.1	23.4	28.1	35.2	39.8	44.4	48.1	50.7	51.7	60.9
LENGTH	3.7	3.7	6.6	9.2	4.7	7.0	4.6	4.5	3.7	2.5	0.9	9.1	4.8
YEAR BUILT	33	33	33	33	33	33	33	33	33	33	U	68	45
YEAR IMPROVED	36	36	36	36	36	35	35	35	35	35	R	68	65
SURFACE WIDTH	20	20	20	20	20	20	20	20	20	20	B	24	24
ROADWAY WIDTH	24	24	24	24	24	24	24	24	24	24	A	26	24
SURFACE TYPE	BST	BST	BST	BST	BST	BST	BST	BST	BST	BST	N	PMS	BST
ADT	249	462	365	313	271	294	310	308	336	444		162	56
DHV	34	64	51	43	37	41	43	43	47	62		22	7
SERVICE VOLUME	635	405	418	237	258	418	393	237	405	237		496	365
FOUNDATION - 10	0	0	0	0	0	0	0	0	0	0		10	4
SURFACE - 30	8	12	9	17	14	10	10	11	12	12		26	17
DRAINAGE - 10	10	9	9	7	8	7	8	5	8	8		10	10
SAFETY - 20	7	1	1	1	1	2	2	1	3	1		1	2
CAPACITY - 30	29	28	28	27	28	29	28	27	28	26		29	30
SUFFICIENCY RATING	54	50	47	52	51	48	48	44	51	47		76	63
ADJUSTED RATING	63	55	53	59	59	56	55	51	58	52		85	82
DEFICIENT MILEAGE	1.73	1.87	3.51	4.45	2.33	3.66	2.42	2.57	1.81	1.37		2.20	1.80
PROPOSED IMPROVEMENT	2	2	2	2W	2W	2	2	2	2	2	SURF	STRCT	2W
COST OF ROADWAY (000)	523	779	1029	605	313	1091	733	718	509	579	37	-	258
COST OF STRUCTURE (000)	-	-	46	105	30	171	15	38	126	-	-	50	9
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	1-5	20+	NOW

FAP ROUTE NO 30 & 32
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 30
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	2,074					2,074
		MILES	23.2					23.2
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	2,074					2,074
		MILES	23.2					23.2
STRUCTURES	2	COST	67					67
	4	COST						
TOTAL STRUCTURES		COST	67					67
GRAND TOTAL		COST	2,141					2,141
		MILES	23.2					23.2

URBAN F.A. PRIMARY ROUTE 30
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	218					218
		MILES	0.8					0.8
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	218					218
		MILES	.8					.8
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	218					218
		MILES	.8					.8

RURAL F.A. PRIMARY ROUTE 32

Estimated Cost of Reconstructing to Present Standards

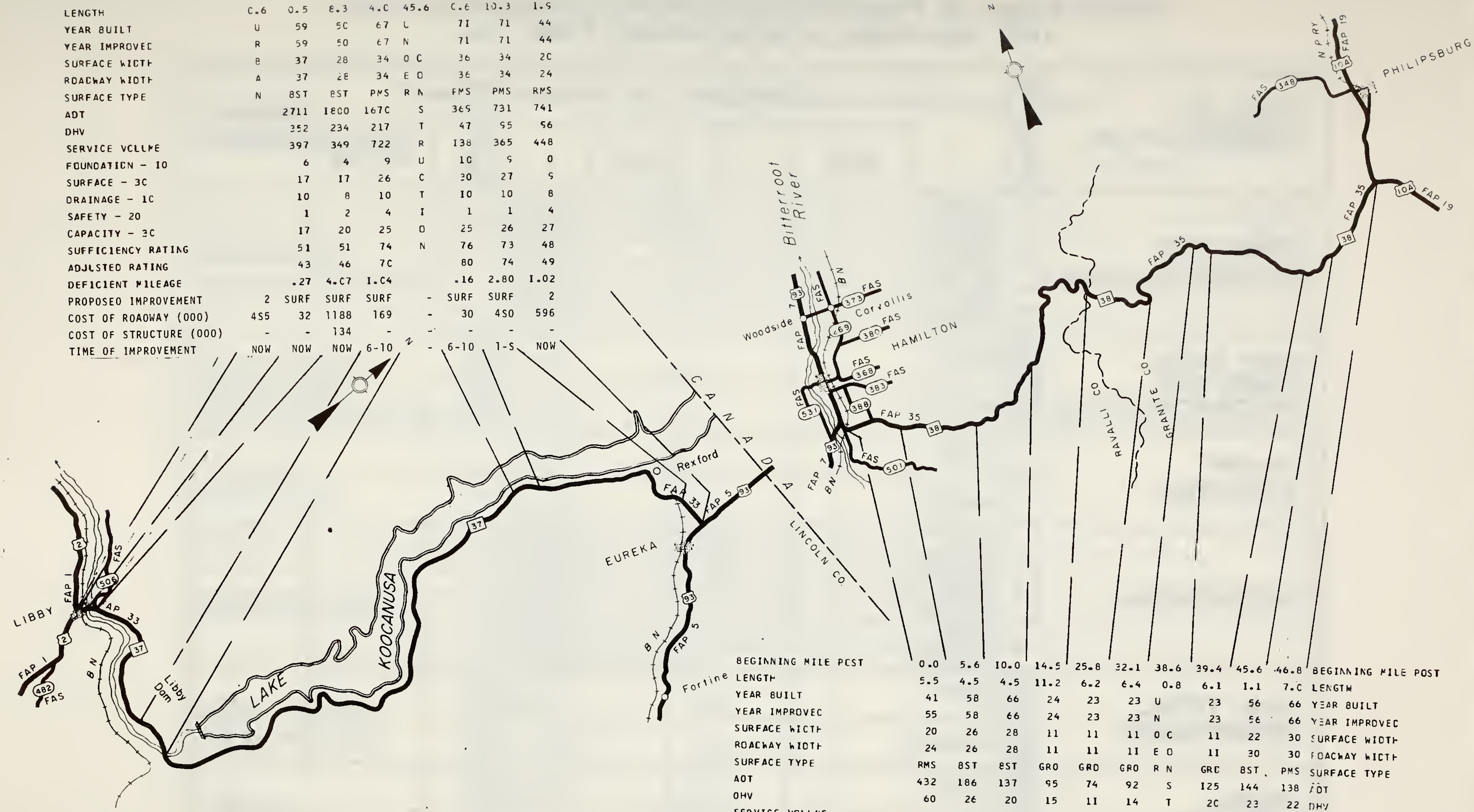
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	5,961					5,961
		MILES	36.3					36.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	5,961					5,961
		MILES	36.3					36.3
MAJOR WIDENING	2 W	COST	1,176					1,176
		MILES	18.7					18.7
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	7,137					7,137
		MILES	55.0					55.0
STRUCTURES	2	COST	540				50	590
	4	COST						
TOTAL STRUCTURES		COST	540				50	590
GRAND TOTAL		COST	7,677				50	7,727
		MILES	55.0					55.0

URBAN F.A. PRIMARY ROUTE 32
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST		37				37
		MILES		0.9				0.9
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		37				37
		MILES		0.9				0.9
TOTAL ROADWAY		COST		37				37
		MILES		0.9				0.9
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST		37				37
		MILES		0.9				0.9

BEGINNING MILE POST	0.0	0.6	1.2	9.5	13.5	53.8	54.5	64.9
LENGTH	0.6	0.5	8.3	4.0	45.6	0.6	10.3	1.9
YEAR BUILT	U	59	50	67	U	71	71	44
YEAR IMPROVED	R	59	50	67	N	71	71	44
SURFACE WIDTH	B	37	28	34	D C	36	34	20
ROADWAY WIDTH	A	37	28	34	E O	36	34	24
SURFACE TYPE	N	BST	BST	PMS	R N	PMS	PMS	RMS
ADT		2711	1800	1670	S	369	731	741
DHV		352	234	217	T	47	95	56
SERVICE VOLUME		397	349	722	R	138	365	448
FOUNDATION - 10		6	4	9	U	10	9	0
SURFACE - 30		17	17	26	C	30	27	9
DRAINAGE - 10		10	8	10	T	10	10	8
SAFETY - 20		1	2	4	I	1	1	4
CAPACITY - 30		17	20	25	O	25	26	27
SUFFICIENCY RATING		51	51	74	N	76	73	48
ADJUSTED RATING		43	46	70		80	74	49
DEFICIENT MILEAGE		.27	4.07	1.04		.16	2.80	1.02
PROPOSED IMPROVEMENT	2	SURF	SURF	SURF	-	SURF	SURF	2
COST OF ROADWAY (000)	455	32	1188	169	-	30	450	596
COST OF STRUCTURE (000)	-	-	134	-	-	-	-	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	6-10	-	6-10	1-5	NOW



BEGINNING MILE POST	0.0	5.6	10.0	14.5	25.8	32.1	38.6	39.4	45.6	46.8
LENGTH	5.5	4.5	4.5	11.2	6.2	6.4	0.8	6.1	1.1	7.0
YEAR BUILT	41	58	66	24	23	23	U	23	56	66
YEAR IMPROVED	55	58	66	24	23	23	N	23	56	66
SURFACE WIDTH	20	26	28	11	11	11	D C	11	22	30
ROADWAY WIDTH	24	26	28	11	11	11	E O	11	30	30
SURFACE TYPE	RMS	BST	BST	GRD	GRD	GRD	R N	GRD	BST	PMS
ADT	432	186	137	95	74	92	S	125	144	138
DHV	60	26	20	15	11	14	T	20	23	22
SERVICE VOLUME	463	235	126	113	113	113	R	275	537	410
FOUNDATION - 10	0	0	6	0	0	0	U	0	0	10
SURFACE - 30	10	13	21	4	4	4	C	5	10	27
DRAINAGE - 10	6	9	10	3	3	3	T	6	10	10
SAFETY - 20	3	1	1	0	0	0	I	2	20	5
CAPACITY - 30	28	28	28	28	29	28	O	29	29	29
SUFFICIENCY RATING	47	51	66	35	36	35	N	42	69	81
ADJUSTED RATING	52	62	78	50	53	50		56	80	89
DEFICIENT MILEAGE	2.95	2.21	1.54	7.30	4.01	4.20		3.55	.37	1.33
PROPOSED IMPROVEMENT	2W	SURF	SURF	2	2	2	-	2	2	NONE
COST OF ROADWAY (000)	671	250	250	2629	1480	1480	-	1182	225	-
COST OF STRUCTURE (000)	-	-	-	-	-	-	-	-	-	-
TIME OF IMPROVEMENT	NOW	1-5	6-10	NOW	NOW	NOW	-	NOW	NOW	-

FAP ROUTE NO 33 & 35
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 33

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	596					596
		MILES	1.9					1.9
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	596					596
		MILES	1.9					1.9
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST	1,220	450	199			1,869
		MILES	8.8	10.3	4.6			23.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	1,220	450	199			1,869
		MILES	8.8	10.3	4.6			23.7
TOTAL ROADWAY		COST	1,816	450	199			2,465
		MILES	10.7	10.3	4.6			25.6
STRUCTURES	2	COST	134					134
	4	COST						
TOTAL STRUCTURES		COST	134					134
GRAND TOTAL		COST	1,950	450	199			2,599
		MILES	10.7	10.3	4.6			25.6

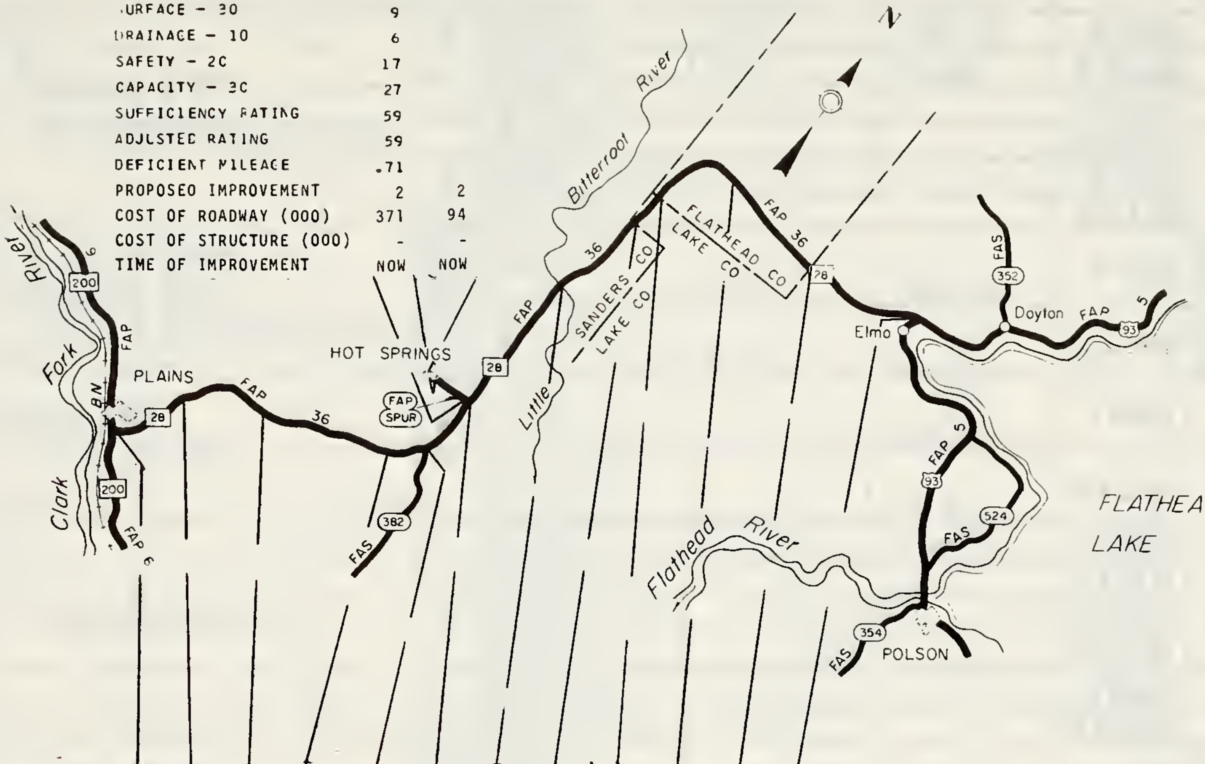
URBAN F.A. PRIMARY ROUTE 33
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	455					455
		MILES	0.6					0.6
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	455					455
		MILES	0.6					0.6
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	455					455
		MILES	0.6					0.6
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	455					455
		MILES	0.6					0.6

RURAL F.A. PRIMARY ROUTE 35
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	6,996					6,996
		MILES	31.0					31.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	6,996					6,996
		MILES	31.0					31.0
MAJOR WIDENING	2 W	COST	671					671
		MILES	5.5					5.5
RESURFACING	2	COST		250	250			500
		MILES		4.5	4.5			9.0
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		250	250			500
		MILES		4.5	4.5			9.0
TOTAL ROADWAY		COST	7,667	250	250			8,167
		MILES	36.5	4.5	4.5			45.5
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	7,667	250	250			8,167
		MILES	36.5	4.5	4.5			45.5

BEGINNING MILE POST	46.7	47.7
LENGTH	1.7	0.2
YEAR BUILT	41	U
YEAR IMPROVED	41	R
SURFACE WIDTH	20	B
ROADWAY WIDTH	26	A
SURFACE TYPE	BST	N
ADT	900	
DHV	135	
SERVICE VOLUME	685	
FOUNDATION - 10	0	
SURFACE - 30	9	
DRAINAGE - 10	6	
SAFETY - 20	17	
CAPACITY - 30	27	
SUFFICIENCY RATING	59	
ADJUSTED RATING	59	
DEFICIENT MILEAGE	.71	
PROPOSED IMPROVEMENT	2	2
COST OF ROADWAY (000)	371	94
COST OF STRUCTURE (000)	-	-
TIME OF IMPROVEMENT	NOW	NOW



BEGINNING MILE POST	0.0	3.6	7.4	13.8	16.2	18.9	26.1	31.1	31.6	36.1	40.1
LENGTH	3.6	3.8	6.4	2.3	2.7	7.1	4.9	0.5	4.4	4.1	6.5
YEAR BUILT	44	41	34	41	63	63	40	40	40	37	37
YEAR IMPROVED	47	47	47	41	63	63	40	40	51	61	65
SURFACE WIDTH	20	20	20	20	28	28	20	20	20	24	24
ROADWAY WIDTH	28	25	24	26	28	28	25	25	26	26	26
SURFACE TYPE	BST	BST	BST	BST	PMS	FMS	BST	BST	RMS	RMS	RMS
ADT	473	461	445	433	701	614	449	426	423	417	461
DHV	70	69	66	64	105	92	67	63	63	62	69
SERVICE VOLUME	283	206	288	138	599	653	392	392	394	527	455
FOUNDATION - 10	0	0	0	0	5	7	0	0	0	0	0
SURFACE - 30	11	10	10	12	20	22	13	13	13	10	13
DRAINAGE - 10	7	6	6	6	10	10	7	7	6	7	7
SAFETY - 20	2	3	2	8	2	3	3	20	3	6	3
CAPACITY - 30	26	25	27	23	27	28	27	28	28	29	28
SUFFICIENCY RATING	46	44	45	49	64	70	50	68	50	52	51
ADJUSTED RATING	50	49	50	54	65	72	55	72	55	57	56
DEFICIENT MILEAGE	1.97	2.12	3.52	1.21	.98	2.14	2.49	.16	2.22	1.56	3.19
PROPOSED IMPROVEMENT	2	2	2	2	SURF	STRCT	2W	2	2	2	2
COST OF ROADWAY (000)	1106	1137	1915	719	115	-	563	56	508	417	733
COST OF STRUCTURE (000)	-	-	-	-	-	30	-	-	17	-	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	6-10	20+	NOW	NOW	NOW	NOW	NOW

FAP ROUTE 36 & SPUR
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 36

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

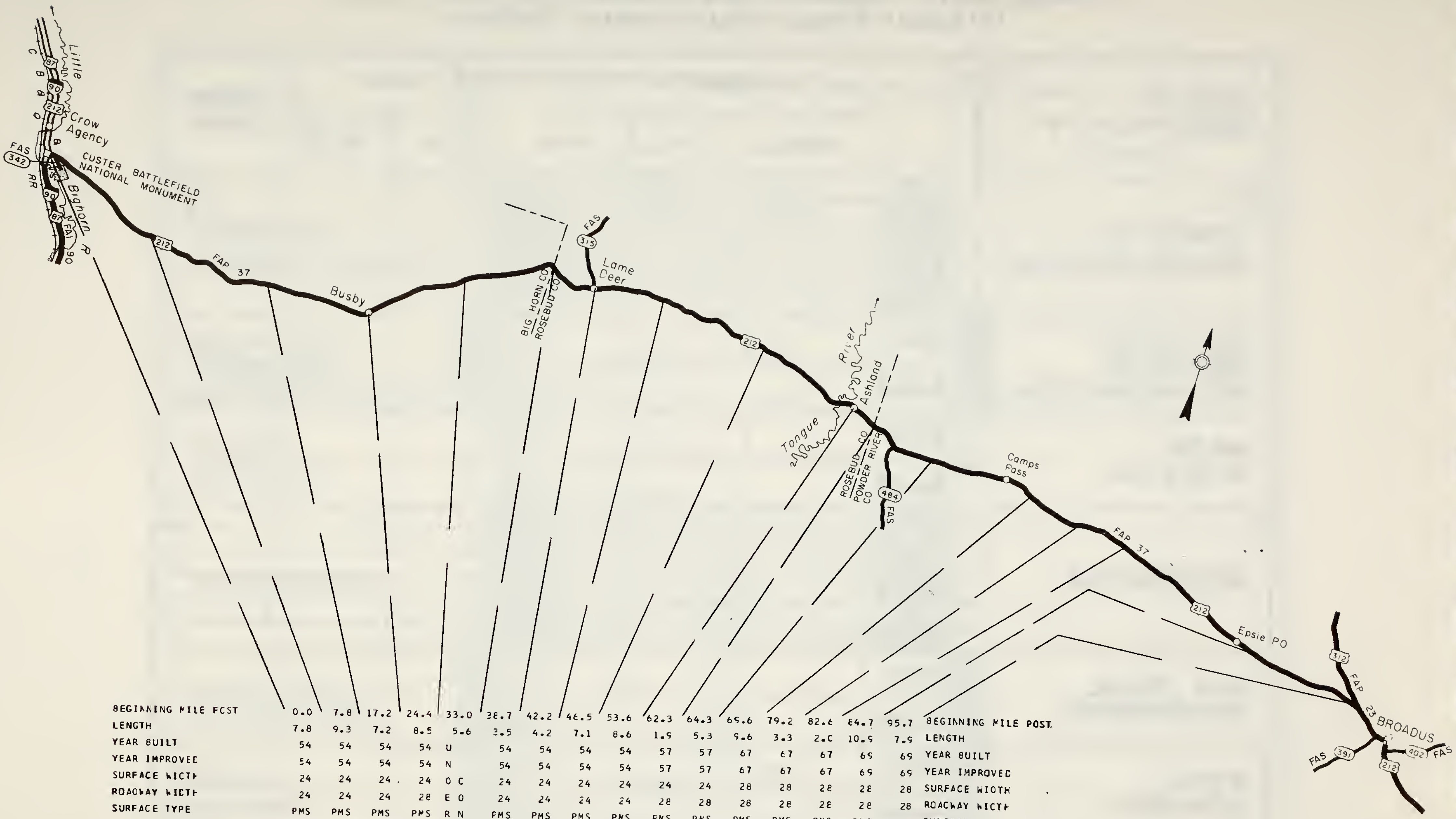
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	6,962					6,962
		MILES	33.3					33.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST	6,962					6,962
		MILES	33.3					33.3
MAJOR WIDENING	2 W	COST	563					563
		MILES	4.9					4.9
RESURFACING	2	COST			115			115
		MILES			2.7			2.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST			115			115
		MILES			2.7			2.7
TOTAL ROADWAY	▨	COST	7,525		115			7,640
		MILES	38.2		2.7			40.9
STRUCTURES	2	COST	17				30	47
	4	COST						
TOTAL STRUCTURES	▨	COST	17				30	47
GRAND TOTAL	▨	COST	7,542		115		30	7,687
		MILES	38.2		2.7			40.9

URBAN F.A. PRIMARY ROUTE 36

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years) NOW	1 - 5	6 - 10	11 - 15	16 - 20	GRAND TOTAL
COMPLETE RECONSTRUCTION	2	COST	94					94
		MILES	0.2					0.2
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST	94					94
	▨	MILES	0.2					0.2
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST						
	▨	MILES						
TOTAL ROADWAY	▨	COST	94					94
	▨	MILES	0.2					0.2
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST	94					94
	▨	MILES	0.2					0.2



BEGINNING MILE POST	0.0	7.8	17.2	24.4	33.0	38.7	42.2	46.5	53.6	62.3	64.3	69.6	79.2	82.6	84.7	95.7
LENGTH	7.8	9.3	7.2	8.5	5.6	3.5	4.2	7.1	8.6	1.9	5.3	9.6	3.3	2.0	10.9	7.9
YEAR BUILT	54	54	54	54	U	54	54	54	54	57	57	67	67	67	69	69
YEAR IMPROVED	54	54	54	54	N	54	54	54	54	57	57	67	67	67	69	69
SURFACE WIDTH	24	24	24	24	D C	24	24	24	24	24	24	28	28	28	28	28
ROADWAY WIDTH	24	24	24	28	E O	24	24	24	24	28	28	28	28	28	28	28
SURFACE TYPE	PMS	PMS	PMS	PMS	R N	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS
ADT	912	844	870	914	S	992	991	763	675	641	546	471	479	487	491	518
DHV	123	113	117	123	T	133	133	103	91	86	73	63	64	65	66	69
SERVICE VOLUME	217	418	369	672	R	237	237	120	258	435	289	435	117	289	480	368
FOUNDATION - 10	0	0	0	0	U	0	0	4	6	4	0	4	5	5	8	9
SURFACE - 30	13	10	7	6	C	17	14	18	20	16	15	17	19	18	27	28
DRAINAGE - 10	8	8	8	10	T	10	9	8	9	10	10	10	10	10	10	10
SAFETY - 20	3	5	9	4	I	2	4	1	1	1	3	11	14	4	4	4
CAPACITY - 30	21	26	25	27	C	22	22	17	25	27	26	28	22	27	28	27
SUFFICIENCY RATING	45	49	49	47	N	51	49	48	61	58	54	70	70	64	77	78
ADJUSTED RATING	45	49	49	47		50	48	49	63	60	57	74	.74	68	80	80
DEFICIENT MILEAGE	4.32	4.76	3.72	4.54		1.75	2.16	3.69	3.39	.82	2.44	2.89	1.01	.74	2.52	1.73
PROPOSED IMPROVEMENT	2W	2	2	2W	-	2W	2W	2W	2W	2W	2W	2	2	SURF	SURF	SURF
COST OF ROADWAY (000)	1101	2423	1901	988	-	502	586	1410	1212	224	632	261	854	86	460	335
COST OF STRUCTURE (000)	72	342	71	468	-	71	-	-	189	106	-	-	-	-	-	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	-	NOW	NOW	NOW	NOW	NOW	NOW	1-5	NOW	11-15	11-15	11-15

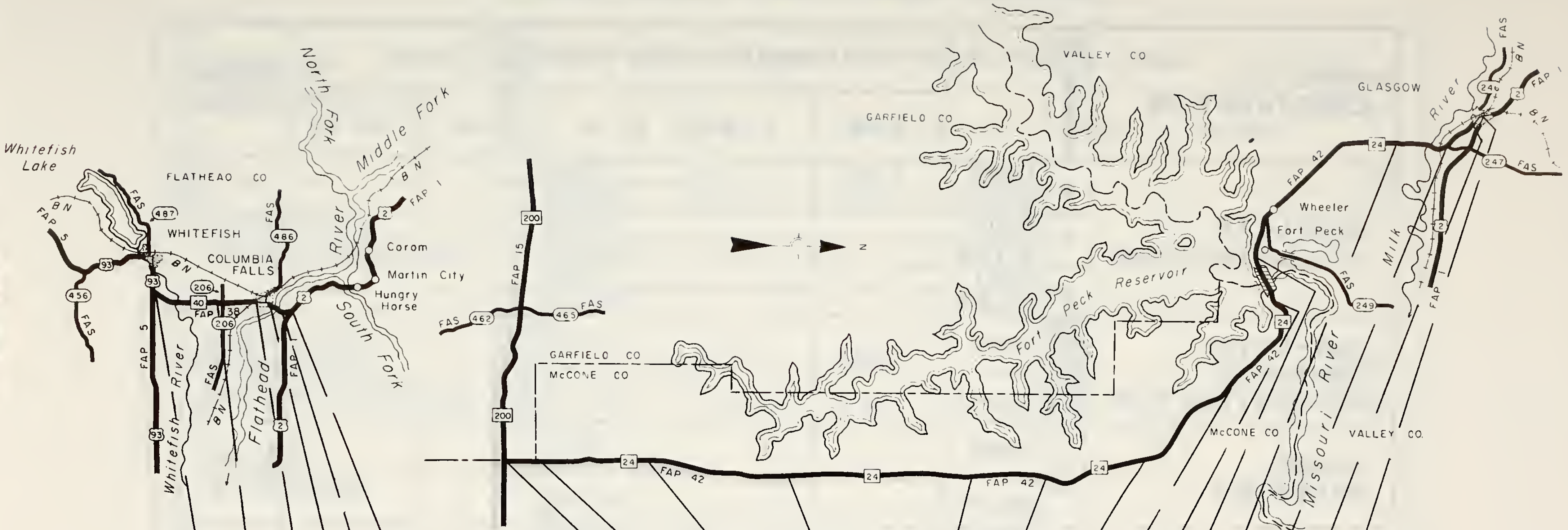
FAP ROUTE NO 37
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 37

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	5,178	261				5,439
		MILES	19.8	9.6				29.4
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	5,178	261				5,439
		MILES	19.8	9.6				29.4
MAJOR WIDENING	2 W	COST	6,655					6,655
		MILES	46.9					46.9
RESURFACING	2	COST				881		881
		MILES				20.8		20.8
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST				881		881
		MILES				20.8		20.8
TOTAL ROADWAY		COST	11,833	261		881		12,975
		MILES	66.7	9.6		20.8		97.1
STRUCTURES	2	COST	1,319					1,319
	4	COST						
TOTAL STRUCTURES		COST	1,319					1,319
GRAND TOTAL		COST	13,152	261		881		14,294
		MILES	66.7	9.6		20.8		97.1



BEGINNING MILE POST	0.0	4.1	6.4	7.3	8.6
LENGTH	4.1	2.2	0.9	1.2	0.2
YEAR BUILT	U	39	U	37	71
YEAR IMPROVED	N	39	R	55	71
SURFACE WIDTH	D C	20	B	22	44
ROADWAY WIDTH	E O	24	A	24	44
SURFACE TYPE	R N	RMS	N	RMS	RMS
ADT	S	4417		3030	3030
DHV	T	618		424	424
SERVICE VOLUME	R	672		296	326
FOUNDATION - 10	U	0		0	8
SURFACE - 30	C	9		12	23
DRAINAGE - 10	T	8		7	10
SAFETY - 20	I	2		2	0
CAPACITY - 30	O	16		9	10
SUFFICIENCY RATING	N	35		30	51
ADJUSTED RATING		24		22	42
DEFICIENT MILEAGE		1.47		.87	.11
PROPOSED IMPROVEMENT	-	2	2	2	2
COST OF ROADWAY (000)	-	855	618	584	123
COST OF STRUCTURE (000)	-	180	-	610	-
TIME OF IMPROVEMENT	-	NOW	NOW	NOW	NOW

BEGINNING MILE POST	0.0	1.9	8.2	19.7	31.7	37.2	46.0	52.2	56.2	59.1	70.5	73.2	75.4	BEGINNING MILE POST
LENGTH	1.9	6.3	11.4	12.0	5.4	8.7	6.1	4.0	2.8	11.3	2.7	2.1	0.7	LENGTH
YEAR BUILT	60	60	63	62	56	57	57	36	36	34	34	34	U	YEAR BUILT
YEAR IMPROVED	64	64	64	71	64	64	64	66	66	34	34	58	R	YEAR IMPROVED
SURFACE WIDTH	24	24	24	30	24	24	24	28	30	22	22	22	B	SURFACE WIDTH
ROADWAY WIDTH	40	40	42	30	34	32	32	28	36	26	26	26	A	ROADWAY WIDTH
SURFACE TYPE	BST	BST	BST	PMS	BST	BST	BST	RMS	RMS	RMS	RMS	RMS	N	SURFACE TYPE
ADT	118	117	116	116	116	123	159	185	244	620	750	1290		ADT
DHV	18	18	18	18	18	19	25	29	39	99	126	206		DHV
SERVICE VOLUME	753	510	560	352	560	560	510	349	520	324	442	367		SERVICE VOLUME
FOUNDATION - 10	0	0	0	7	0	0	0	7	9	0	0	0		FOUNDATION - 10
SURFACE - 30	8	8	9	27	10	10	10	26	27	12	11	13		SURFACE - 30
DRAINAGE - 10	10	10	10	10	10	10	10	10	10	7	9	9		DRAINAGE - 10
SAFETY - 20	20	3	5	5	5	8	2	2	20	1	1	2		SAFETY - 20
CAPACITY - 30	30	29	30	29	30	29	29	29	29	25	26	22		CAPACITY - 30
SUFFICIENCY RATING	68	50	54	78	55	57	51	74	95	45	47	46		SUFFICIENCY RATING
ADJUSTED RATING	81	65	69	88	70	71	63	83	96	47	48	43		ADJUSTED RATING
DEFICIENT MILEAGE	.63	3.15	5.25	2.65	2.45	3.77	3.02	1.05	.14	6.23	1.44	1.17		DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	2	SURF	SURF	SURF	2	2	SURF	SURF	2	2W	2W	2	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	80	889	485	500	145	1241	694	170	120	1414	321	300	201	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	-	-	-	-	-	-	-	186	754	54	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	1-5	NOW	6-10	6-10	NOW	NOW	NOW	6-10	6-10	NOW	NOW	NOW	1-5	TIME OF IMPROVEMENT

FAP ROUTE NO 38 & 42
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 38
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	1,562					1,562
		MILES	3.6					3.6
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,562					1,562
		MILES	3.6					3.6
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	1,562					1,562
		MILES	3.6					3.6
STRUCTURES	2	COST	790					790
	4	COST						
TOTAL STRUCTURES		COST	790				790	
GRAND TOTAL		COST	2,352					2,352
		MILES	3.6					3.6

URBAN F.A. PRIMARY ROUTE 38
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	618					618
		MILES	0.9					0.9
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	618					618
		MILES	0.9					0.9
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	618					618
		MILES	0.9					0.9
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	618					618
		MILES	0.9					0.9

RURAL F.A. PRIMARY ROUTE 42

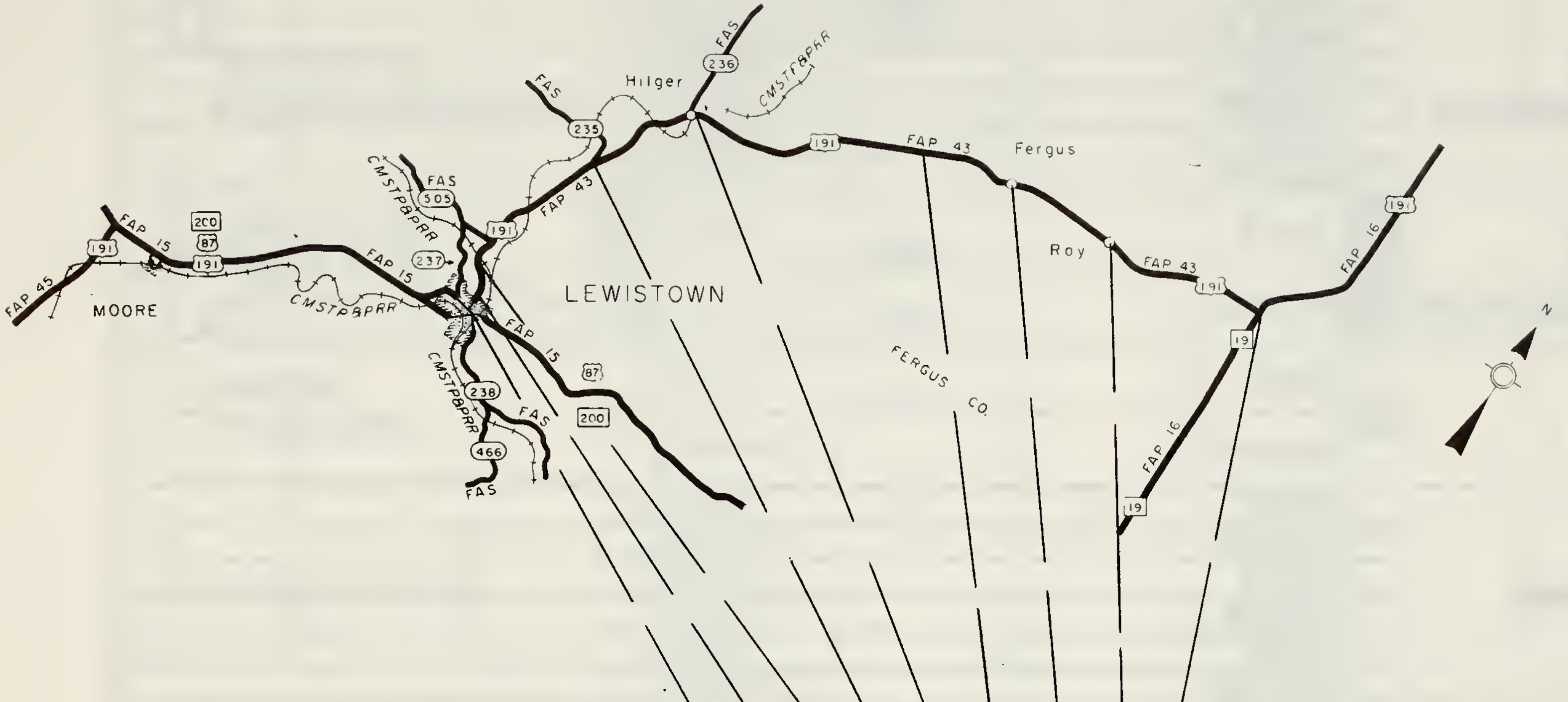
Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	4,238					4,238
		MILES	32.4					32.4
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	4,238					4,238
		MILES	32.4					32.4
MAJOR WIDENING	2 W	COST	621					621
		MILES	4.8					4.8
RESURFACING	2	COST	145	80	1,275			1,500
		MILES	5.4	1.9	30.2			37.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	145	80	1,275			1,500
		MILES	5.4	1.9	30.2			37.5
TOTAL ROADWAY		COST	5,004	80	1,275			6,359
		MILES	42.6	1.9	30.2			74.7
STRUCTURES	2	COST	994					994
	4	COST						
TOTAL STRUCTURES		COST	994					994
GRAND TOTAL		COST	5,998	80	1,275			7,353
		MILES	42.6	1.9	30.2			74.7

URBAN F.A. PRIMARY ROUTE 42
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST		201				201
		MILES		0.7				0.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST		201				201
		MILES		0.7				0.7
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST		201				201
		MILES		0.7				0.7
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST		201				201
		MILES		0.7				0.7



BEGINNING MILE POST	0.0	0.6	1.7	9.4	14.8	25.2	29.0	35.2	BEGINNING MILE POST
LENGTH	0.6	1.1	7.7	5.3	10.4	3.7	6.2	7.5	LENGTH
YEAR BUILT	U	21	50	50	63	63	63	62	YEAR BUILT
YEAR IMPROVED	R	21	50	50	63	63	63	62	YEAR IMPROVED
SURFACE WIDTH	B	18	24	24	28	28	28	30	SURFACE WIDTH
ROADWAY WIDTH	A	24	28	28	30	30	30	30	ROADWAY WIDTH
SURFACE TYPE	N	PCC	RMS	RMS	PMS	PMS	PMS	PMS	SURFACE TYPE
ADT		2383	1266	692	299	277	319	297	ADT
DHV		309	164	89	38	36	41	38	DHV
SERVICE VOLUME		319	318	318	414	442	600	600	SERVICE VOLUME
FOUNDATION - 10		0	0	2	3	5	5	3	FOUNDATION - 10
SURFACE - 30		13	14	14	14	18	18	16	SURFACE - 30
DRAINAGE - 10		7	10	10	10	10	10	10	DRAINAGE - 10
SAFETY - 20		4	2	10	3	4	2	3	SAFETY - 20
CAPACITY - 30		15	22	26	29	29	29	29	CAPACITY - 30
SUFFICIENCY RATING		39	48	62	59	66	64	61	SUFFICIENCY RATING
ADJUSTED RATING		32	45	63	66	73	71	68	ADJUSTED RATING
DEFICIENT MILEAGE		.69	4.01	2.02	4.28	1.27	2.24	2.95	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	2	2W	2W	SURF	SURF	SURF	SURF	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	312	470	948	489	450	160	260	320	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	91	-	-	-	-	-	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	6-10	6-10	6-10	1-5	TIME OF IMPROVEMENT

RURAL F.A. PRIMARY ROUTE 43
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

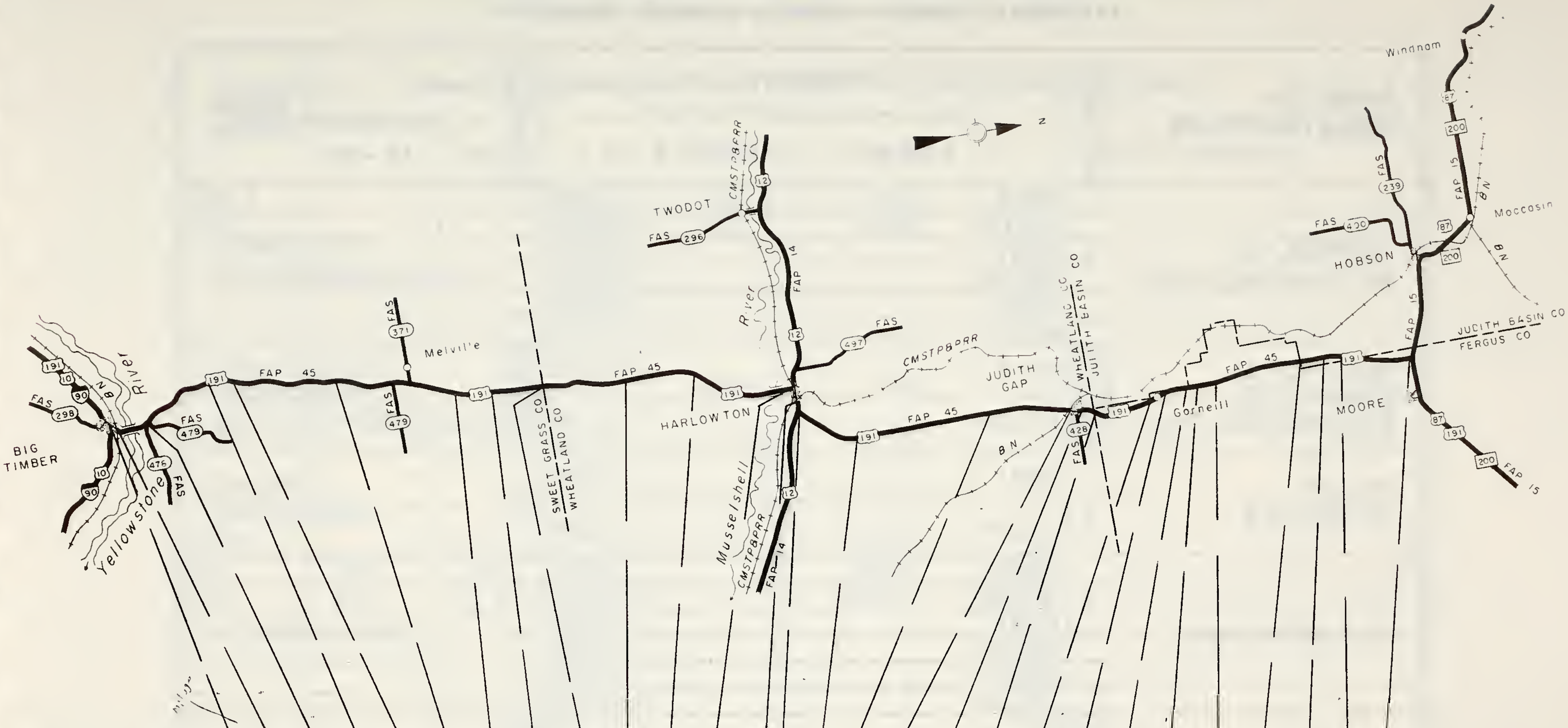
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	470					470
		MILES	1.1					1.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	470					470
		MILES	1.1					1.1
MAJOR WIDENING	2 W	COST	1,437					1,437
		MILES	13.0					13.0
RESURFACING	2	COST		320	870			1,190
		MILES		7.5	20.3			27.8
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		320	870			1,190
		MILES		7.5	20.3			27.8
TOTAL ROADWAY		COST	1,907	320	870			3,097
		MILES	14.1	7.5	20.3			41.9
STRUCTURES	2	COST	91					91
	4	COST						
TOTAL STRUCTURES		COST	91					91
GRAND TOTAL		COST	1,998	320	870			3,188
		MILES	14.1	7.5	20.3			41.9

URBAN F.A. PRIMARY ROUTE 43

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	312					312
		MILES	0.6					0.6
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	312					312
		MILES	0.6					0.6
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	312					312
		MILES	0.6					0.6
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	312					312
		MILES	0.6					0.6



BEGINNING MILE POST	0.0	0.5	2.7	7.3	8.0	15.7	22.7	23.8	28.2	33.3	37.8	43.8	45.3	49.0	58.5	62.8	63.4	64.2	67.2	67.8	69.8	70.4	71.6	78.4	80.4	81.3	BEGINNING MILE POST
LENGTH	0.5	2.2	4.5	0.6	7.7	7.0	1.0	4.4	5.0	4.5	5.9	0.1	3.7	9.4	4.2	0.6	0.7	3.0	0.6	1.9	0.5	1.2	6.8	2.0	0.8	3.2	LENGTH
YEAR BUILT	U	34	35	69	42	48	69	46	46	35	70	U	49	49	49	U	49	47	47	47	47	47	41	41	46	46	YEAR BUILT
YEAR IMPROVED	R	56	55	69	42	48	69	46	46	39	70	R	54	54	54	R	54	73	73	73	62	57	70	70	59	60	YEAR IMPROVED
SURFACE WIDTH	B	22	20	30	20	24	30	24	25	20	32	B	24	24	24	B	24	24	24	24	24	24	24	24	24	24	SURFACE WIDTH
ROADWAY WIDTH	A	24	24	30	24	31	30	26	26	24	32	A	24	24	24	A	24	24	24	24	24	24	24	24	24	24	ROADWAY WIDTH
SURFACE TYPE	N	RMS	RMS	RMS	RMS	BST	RMS	BST	BST	RMS	PMS	N	PMS	PMS	PMS	N	PMS	PMS	PMS	PMS	RMS	RMS	PMS	RMS	RMS	RMS	SURFACE TYPE
ADT		979	531	461	401	342	272	254	244	304	507		762	680	743		885	808	734	736	741	754	762	769	758	830	ADT
DHV		127	69	59	52	44	35	33	31	39	65		99	88	96		115	105	95	95	96	98	99	99	98	107	DHV
SERVICE VOLUME		451	184	549	255	414	329	319	398	431	672		289	469	333		289	442	518	494	414	266	349	463	518	312	SERVICE VOLUME
FOUNDATION - 10		0	0	9	0	0	10	0	0	0	10		2	3	2		6	3	4	3	3	2	8	8	3	4	FOUNDATION - 10
SURFACE - 30		10	12	26	11	13	28	11	13	12	26		14	17	14		17	15	16	14	13	14	25	25	15	16	SURFACE - 30
DRAINAGE - 10		5	4	10	4	9	10	9	10	7	10		9	10	10		10	10	10	10	10	9	10	10	8	9	DRAINAGE - 10
SAFETY - 20		3	1	20	1	1	20	2	2	2	5		1	4	1		1	2	20	20	1	20	2	2	6	1	SAFETY - 20
CAPACITY - 30		26	24	28	27	28	28	28	29	29	29		25	27	26		24	26	27	27	27	24	26	27	27	25	CAPACITY - 30
SUFFICIENCY RATING		44	41	93	43	51	96	50	54	50	80		51	61	53		58	56	77	74	54	69	71	72	59	55	SUFFICIENCY RATING
ADJUSTED RATING		43	44	94	48	58	97	59	63	58	82		52	63	54		58	56	78	75	55	70	72	73	60	55	ADJUSTED RATING
DEFICIENT MILEAGE		1.23	2.70	.04	4.41	3.45	.04	2.21	2.33	2.26	1.19		1.84	3.69	2.01		.30	1.32	.15	.50	.26	.37	1.98	.56	.35	1.45	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	2	2	2	SURF	2	RESRF	2	2	2W	2W	SURF	SURF	2W	2W	2W	SURF	2	2W	2W	2W	2W	2W	2W	2W	2W	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	234	573	1026	25	1738	300	46	702	351	267	250	4	742	1582	848	26	206	439	97	366	82	194	1285	293	132	533	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	112	-	131	97	-	-	39	11	-	-	-	-	207	-	-	85	-	-	-	-	26	59	-	44	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	NOW	NOW	NOW	11-15	NOW	NOW	NOW	NOW	NOW	NOW	16-20	16-20	NOW	NOW	NOW	1-5	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE NO 45
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 45
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	4,291					4,291
		MILES	20.5					20.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	4,291					4,291
		MILES	20.5					20.5
MAJOR WIDENING	2 W	COST	7,211					7,211
		MILES	46.8					46.8
RESURFACING	2	COST	300			25	250	575
		MILES	7.0			0.6	5.9	13.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	300			25	250	575
		MILES	7.0			0.6	5.9	13.5
TOTAL ROADWAY		COST	11,802			25	250	12,077
		MILES	74.3			0.6	5.9	80.8
STRUCTURES	2	COST	811					811
	4	COST						
TOTAL STRUCTURES		COST	811					811
GRAND TOTAL		COST	12,613			25	250	12,888
		MILES	74.3			0.6	5.9	80.8

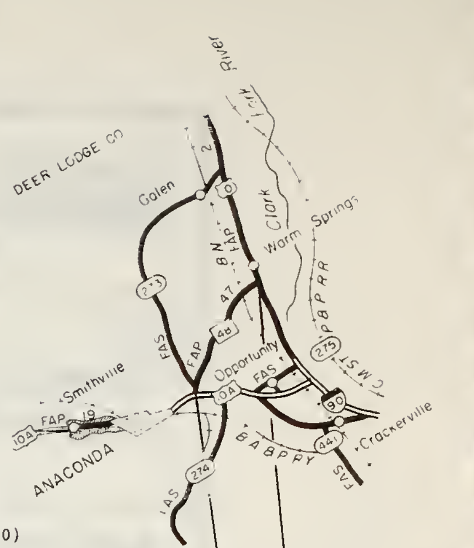
URBAN F.A. PRIMARY ROUTE 45

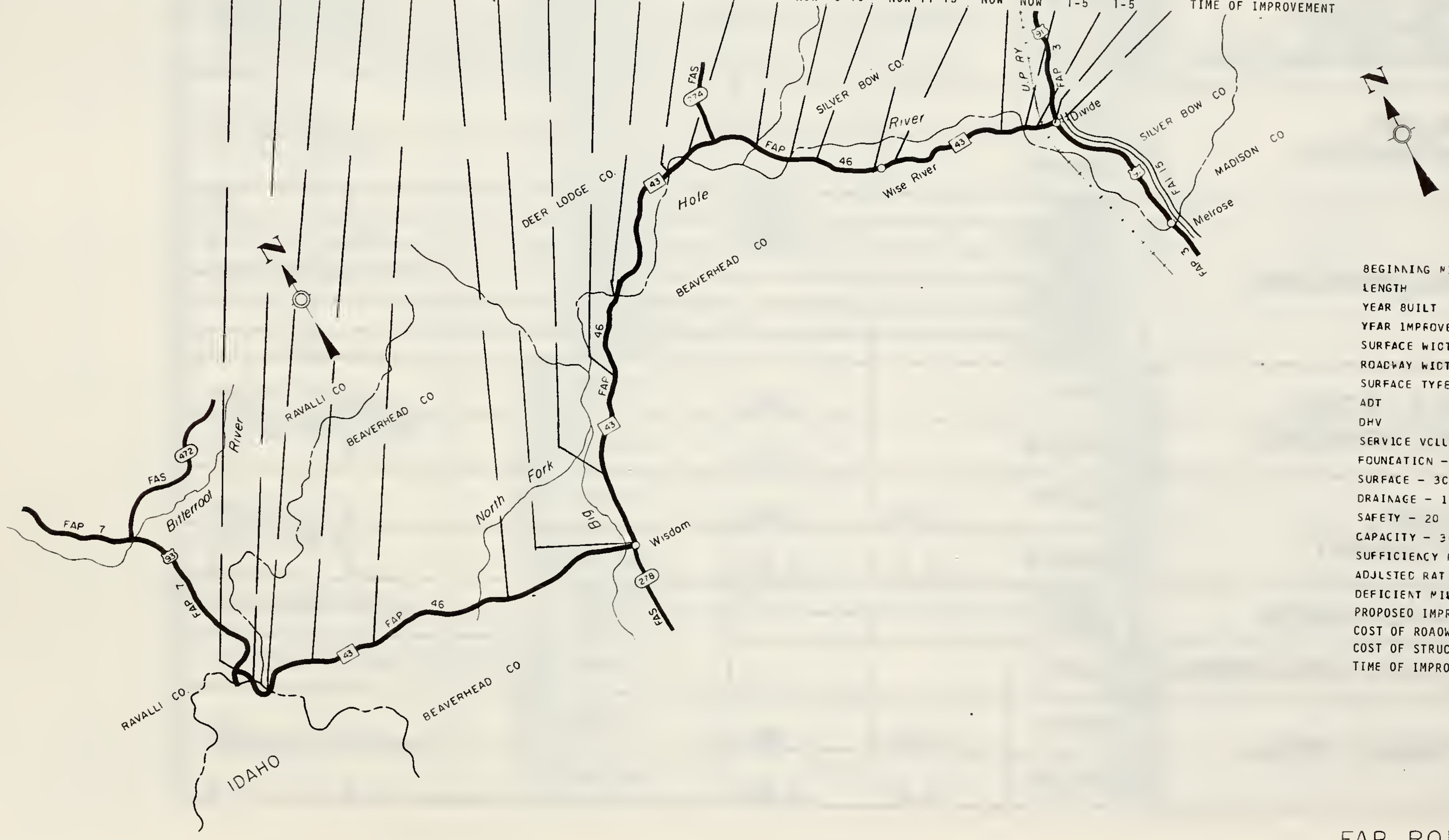
Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years) NOW	1-5	6-10	11-15	16-20	GRAND TOTAL
COMPLETE RECONSTRUCTION	2	COST	234					234
		MILES	0.5					0.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	234					234
		MILES	0.5					0.5
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST		26			4	30
		MILES		0.6			0.1	0.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		26			4	30
		MILES		0.6			0.1	0.7
TOTAL ROADWAY		COST	234	26			4	264
		MILES	0.5	0.6			0.1	1.2
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	234	26			4	264
		MILES	0.5	0.6			0.1	1.2

BEGINNING MILE POST	0.0	0.1	1.1	4.1	7.7	16.9	26.3	31.6	36.8	41.8	51.3	51.4	56.9	58.0	58.6	64.9	65.2	73.6	75.0	76.4	77.1
LENGTH	0.1	0.0	2.9	3.6	9.3	9.2	5.2	5.2	4.9	9.3	0.1	5.5	1.0	0.6	6.0	0.3	8.2	1.3	1.4	0.4	0.7
YEAR BUILT	60	O	60	60	60	62	65	65	65	61	61	61	61	61	61	70	61	68	68	34	U
YEAR IMPROVED	63	U	63	63	63	62	65	65	65	61	61	61	61	61	61	70	61	68	68	57	N
SURFACE WIDTH	28	T	28	28	28	30	28	26	26	26	26	26	26	30	26	44	26	34	34	32	D C
ROADWAY WIDTH	28		28	28	28	30	28	26	26	28	28	28	28	33	28	44	28	34	34	32	E O
SURFACE TYPE	PMS	O	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	BST	R N
ADT	170	F	171	176	204	227	224	190	184	184	178	206	202	217	308	394	395	353	415	506	S
DHV	25		25	26	30	34	33	28	27	27	26	30	30	32	46	59	59	52	62	75	T
SERVICE VOLUME	498	S	154	531	446	655	621	630	440	448	531	454	427	567	371	522	438	515	529	737	R
FOUNDATION - 10	10	T	9	8	9	8	8	8	8	7	7	6	6	8	5	9	4	8	9	5	U
SURFACE - 30	28	A	23	23	26	24	21	22	23	21	21	18	19	21	18	24	17	27	28	17	C
DRAINAGE - 10	10	T	10	10	10	10	10	10	10	9	10	10	10	10	8	10	6	10	10	10	T
SAFETY - 20	0	E	1	20	4	20	3	20	8	2	20	1	2	20	2	0	1	4	2	20	I
CAPACITY - 30	29		28	29	29	29	29	29	29	29	29	29	29	29	28	28	28	28	28	28	O
SUFFICIENCY RATING	77		71	90	78	91	71	89	78	68	87	64	66	88	61	71	56	77	77	80	N
ADJUSTED RATING	85		81	94	85	94	79	93	86	78	92	74	75	92	68	76	62	81	81	82	
DEFICIENT MILEAGE	.02		.85	.36	2.06	.83	1.52	.58	1.09	2.99	.01	2.00	.35	.09	2.35	.11	3.62	.30	.32	.09	
PROPOSED IMPROVEMENT	SURF		SURF	SURF	SURF	SURF	SURF	2W	2W	2W	2W	2W	2W	SURF	2W	SURF	2	2W	SURF	SURF	
COST OF ROADWAY (000)	4		68	154	400	395	225	330	351	584	7	346	69	33	373	14	1363	189	59	59	
COST OF STRUCTURE (000)	-		-	-	-	-	-	-	-	36	-	30	-	-	-	-	-	-	-	-	
TIME OF IMPROVEMENT	1-5		1-5	1-5	1-5	6-10	6-10	NOW	NOW	NOW	NOW	NOW	NOW	6-10	NOW	11-15	NOW	NOW	1-5	1-5	





BEGINNING MILE POST	0.0
LENGTH	5.9
YEAR BUILT	49
YEAR IMPROVED	49
SURFACE WIDTH	20
ROADWAY WIDTH	26
SURFACE TYPE	PMS
ADT	1194
DHV	167
SERVICE VOLUME	501
FOUNDATION - 10	3
SURFACE - 30	16
DRAINAGE - 10	8
SAFETY - 20	9
CAPACITY - 30	25
SUFFICIENCY RATING	61
ADJUSTED RATING	59
DEFICIENT MILEAGE	2.33
PROPOSED IMPROVEMENT	2W
COST OF ROADWAY (000)	701
COST OF STRUCTURE (000)	-
TIME OF IMPROVEMENT	NOW

FAP ROUTES 46 & 47
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 46

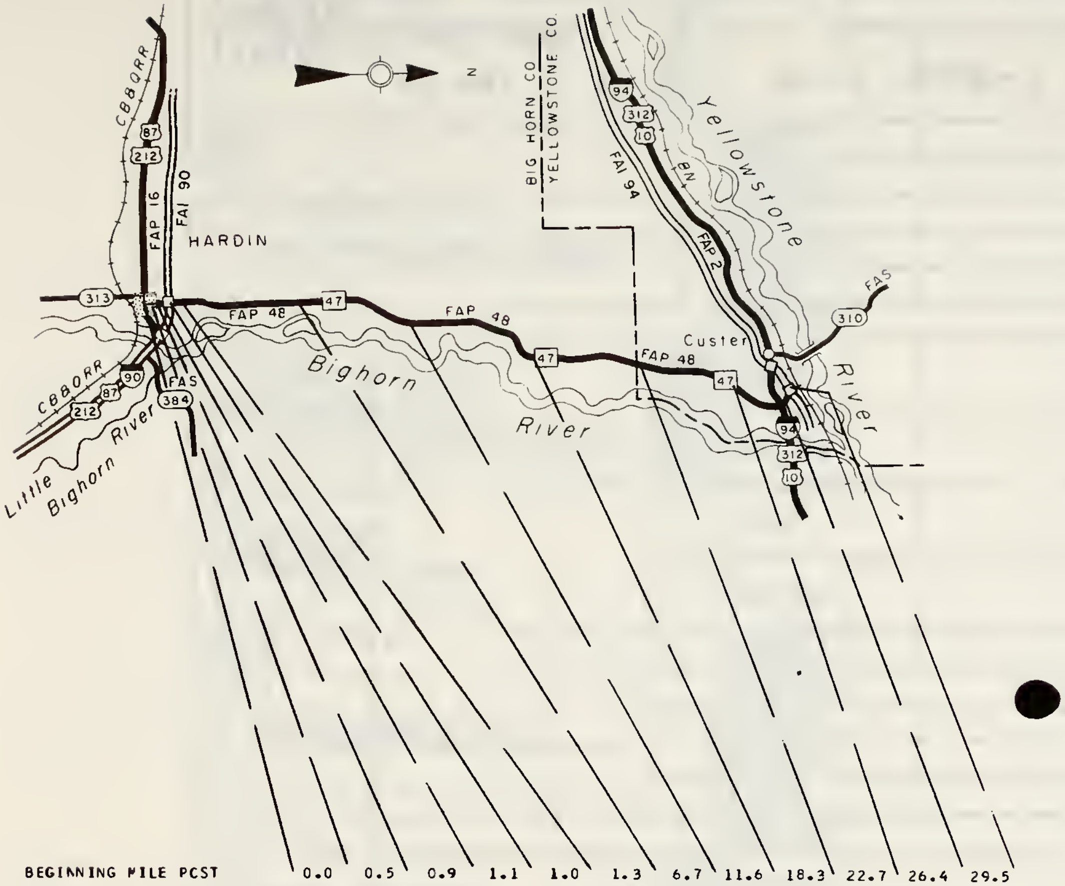
Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

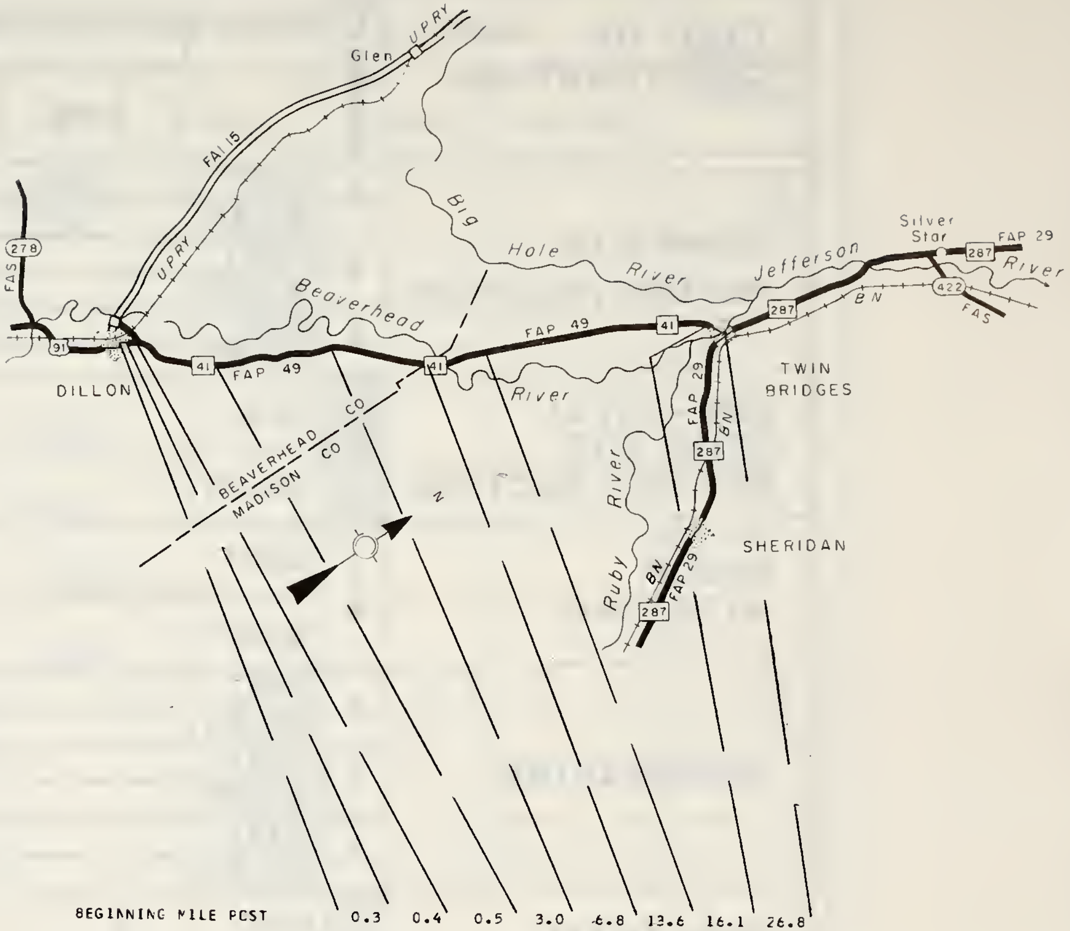
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	1,363					1,363
		MILES	8.2					8.2
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	1,363					1,363
		MILES	8.2					8.2
MAJOR WIDENING	2 W	COST	2,249					2,249
		MILES	33.3					33.3
RESURFACING	2	COST		744	653	14		1,411
		MILES		17.7	15.2	.3		33.2
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		744	653	14		1,411
		MILES		17.7	15.2	.3		33.2
TOTAL ROADWAY		COST	3,612	744	653	14		5,023
		MILES	41.5	17.7	15.2	.3		74.7
STRUCTURES	2	COST	66					66
	4	COST						
TOTAL STRUCTURES		COST	66					66
GRAND TOTAL		COST	3,678	744	653	14		5,089
		MILES	41.5	17.7	15.2	.3		74.7

RURAL F.A. PRIMARY ROUTE 47
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	701					701
		MILES	5.9					5.9
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	701					701
		MILES	5.9					5.9
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	701					701
		MILES	5.9					5.9



BEGINNING MILE POST	0.0	0.5	0.9	1.1	1.0	1.3	6.7	11.6	18.3	22.7	26.4	29.5
LENGTH	0.5	0.4	0.1	0.1	0.2	5.4	4.8	6.6	4.3	3.6	3.1	0.3
YEAR BUILT	U	N	U	70	70	41	45	54	63	63	63	U
YEAR IMPROVED	R	O	R	70	70	41	45	54	63	63	63	N
SURFACE WIDTH	B	N	B	40	40	20	20	24	28	28	28	D C
ROADWAY WIDTH	A	E	A	40	40	24	24	24	28	28	28	E O
SURFACE TYPE	N	X	N	RMS	RMS	RMS	RMS	RMS	PMS	PMS	PMS	R N
ADT		I		2816	1783	1079	385	267	215	196	224	S
DHV		S		394	249	151	53	37	30	27	31	T
SERVICE VOLUME		T		340	134	390	377	494	353	332	579	R
FOUNDATION - 10		E		8	8	0	0	4	9	9	10	U
SURFACE - 30		N		24	24	14	14	16	27	27	27	C
DRAINAGE - 10		T		10	10	8	9	10	10	10	10	T
SAFETY - 20				20	1	3	3	3	1	6	3	I
CAPACITY - 30				13	2	24	28	29	29	29	29	O
SUFFICIENCY RATING				75	45	49	54	62	76	81	79	N
ADJUSTED RATING				68	40	47	60	70	83	87	85	
DEFICIENT MILEAGE				.04	.15	2.78	2.23	2.53	1.05	.69	.65	
PROPOSED IMPROVEMENT	2	2	SURF	SURF	SURF	2W	2W	2W	SURF	SURF	SURF	
COST OF ROADWAY (000)	376	330	4	4	8	693	511	712	185	155	133	
COST OF STRUCTURE (000)	-	-	-	-	-	94	70	20	-	-	-	
TIME OF IMPROVEMENT	1-5	NOW	11-15	11-15	11-15	NOW	NOW	NOW	6-10	6-10	6-10	



BEGINNING MILE POST	0.3	0.4	0.5	3.0	6.8	13.6	16.1	26.8
LENGTH	0.1	0.1	2.4	3.7	6.8	2.4	10.6	0.7
YEAR BUILT	36	U	36	36	59	59	53	U
YEAR IMPROVED	73	R	62	46	59	59	53	R
SURFACE WIDTH	40	B	26	20	24	24	24	B
ROADWAY WIDTH	40	A	26	24	24	24	28	A
SURFACE TYPE	RMS	N	RMS	RMS	PMS	PMS	RMS	N
ADT	2325		1197	1061	849	824	878	
DHV	302		155	137	110	107	114	
SERVICE VOLUME	828		526	220	220	333	586	
FOUNDATION - 10	5		0	0	2	2	5	
SURFACE - 30	18		17	12	17	16	17	
DRAINAGE - 10	6		7	8	10	8	8	
SAFETY - 20	20		4	1	4	4	5	
CAPACITY - 30	25		26	21	23	25	27	
SUFFICIENCY RATING	74		54	42	56	55	62	
ADJUSTED RATING	68		52	41	56	55	62	
DEFICIENT MILEAGE	.02		1.11	2.20	3.02	1.12	4.05	
PROPOSED IMPROVEMENT	2	2	2W	2W	2W	2W	2W	2W
COST OF ROADWAY (000)	22	22	296	610	1107	400	1206	116
COST OF STRUCTURE (000)	-	-	-	-	-	-	-	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW

FAP ROUTE NO 48 & 49
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 48

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	334					334
		MILES	.4					.4
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	334					334
		MILES	.4					.4
MAJOR WIDENING	2 W	COST	1,916					1,916
		MILES	16.8					16.8
RESURFACING	2	COST			473	12		485
		MILES			11.0	0.3		11.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST			473	12		485
		MILES			11.0	0.3		11.3
TOTAL ROADWAY		COST	2,250		473	12		2,735
		MILES	17.2		11.0	0.3		28.5
STRUCTURES	2	COST	184					184
	4	COST						
TOTAL STRUCTURES		COST	184					184
GRAND TOTAL		COST	2,434		473	12		2,919
		MILES	17.2		11.0	0.3		28.5

URBAN F.A. PRIMARY ROUTE 48

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST		376				376
		MILES		0.5				0.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST		376				376
		MILES		0.5				0.5
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST				4		4
		MILES				0.1		0.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST				4		4
		MILES				0.1		0.1
TOTAL ROADWAY	▨	COST		376		4		380
		MILES		0.5		0.1		0.6
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST		376		4		380
		MILES		0.5		0.1		0.6

RURAL F.A. PRIMARY ROUTE 49
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	22					22
		MILES	0.3					0.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	22					22
		MILES	0.3					0.3
MAJOR WIDENING	2 W	COST	3,619					3,619
		MILES	25.9					25.9
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	3,641					3,641
		MILES	26.2					26.2
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	3,641					3,641
		MILES	26.2					26.2

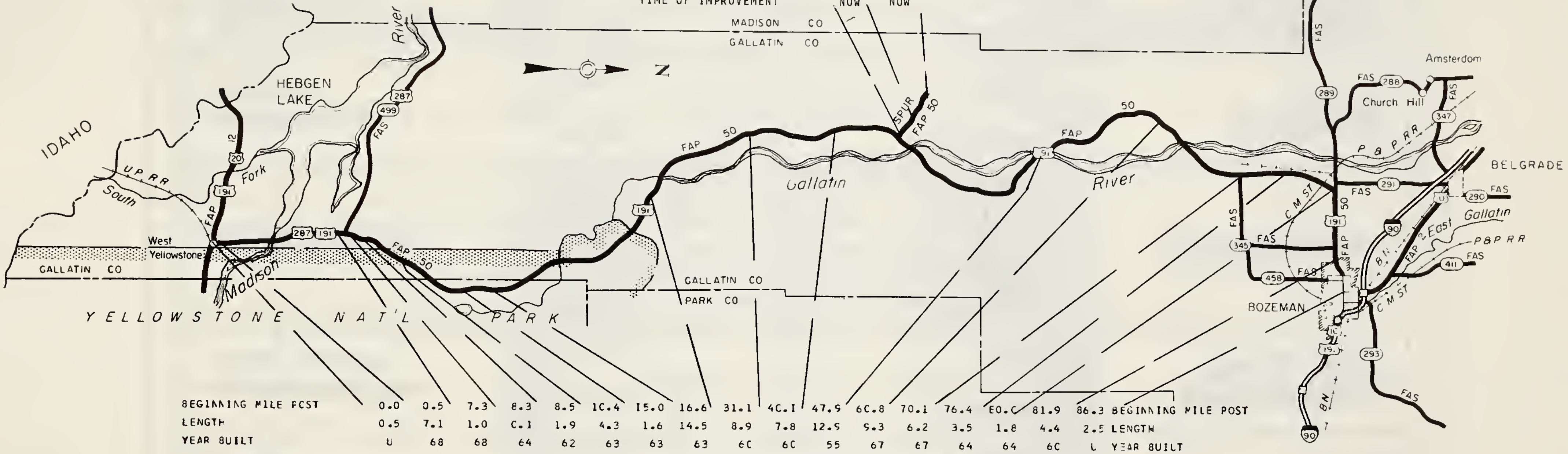
URBAN F.A. PRIMARY ROUTE 49

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years) NOW	1-5	6-10	11-15	16-20	GRAND TOTAL
COMPLETE RECONSTRUCTION	2	COST	22					22
		MILES	0.1					0.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	22					22
		MILES	0.1					0.1
MAJOR WIDENING	2 W	COST	116					116
		MILES	0.7					0.7
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	138					138
		MILES	0.8					0.8
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	138					138
		MILES	0.8					0.8

BEGINNING MILE POST	88.8	91.8
LENGTH	3.0	6.6
YEAR BUILT	72	N
YEAR IMPROVED	72	O
SURFACE WIDTH	34	N
ROADWAY WIDTH	34	E
SURFACE TYPE	GRV	X
ADT	1126	I
DHV	176	S
SERVICE VOLUME	603	T
FOUNDATION - 10	0	E
SURFACE - 30	5	N
DRAINAGE - 10	10	T
SAFETY - 20	3	
CAPACITY - 30	26	
SUFFICIENCY RATING	44	
ADJUSTED RATING	42	
DEFICIENT MILEAGE	1.68	
PROPOSED IMPROVEMENT	2	2
COST OF ROADWAY (000)	737	2084
COST OF STRUCTURE (000)	-	
TIME OF IMPROVEMENT	NOW	NOW



BEGINNING MILE POST	0.0	0.5	7.3	8.3	8.5	10.4	15.0	16.6	31.1	40.1	47.9	60.8	70.1	76.4	80.0	81.9	86.3
LENGTH	0.5	7.1	1.0	0.1	1.9	4.3	1.6	14.5	8.9	7.8	12.9	9.3	6.2	3.5	1.8	4.4	2.5
YEAR BUILT	U	68	68	64	62	63	63	63	60	60	55	67	67	64	64	60	U
YEAR IMPROVED	R	68	68	64	72	63	63	63	60	60	55	67	67	64	64	60	R
SURFACE WIDTH	B	40	40	52	32	32	32	32	28	28	28	28	28	32	32	36	B
ROADWAY WIDTH	A	40	40	52	32	32	32	32	28	28	28	28	28	32	32	36	A
SURFACE TYPE	N	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	PMS	N
ADT		1362	1158	812	815	824	832	854	915	992	1329	1489	1571	1971	2621	3795	
DHV		299	254	127	127	129	130	134	143	155	208	233	274	374	442	569	
SERVICE VOLUME		288	720	296	182	470	182	599	436	436	283	203	643	720	264	283	
FOUNDATION - 10		10	9	9	10	7	6	6	7	7	5	9	9	8	8	8	
SURFACE - 30		26	25	26	30	23	18	19	23	22	19	28	25	26	25	26	
DRAINAGE - 10		10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	
SAFETY - 20		8	2	1	1	20	20	20	4	3	1	1	5	4	3	2	
CAPACITY - 30		14	25	24	20	26	19	27	25	25	19	13	24	22	5	0	
SUFFICIENCY RATING		68	71	70	71	86	73	82	69	67	53	61	73	70	51	46	
ADJUSTED RATING		65	69	70	71	86	73	82	69	66	50	57	69	65	43	35	
DEFICIENT MILEAGE		2.27	.30	.04	.56	.61	.44	2.62	2.76	2.58	6.08	3.63	1.68	1.07	.91	2.39	
PROPOSED IMPROVEMENT	SURF	4	4	SURF	SURF	SURF	SURF	SURF	2W	2W	4	4	4	4	4	4	4
COST OF ROADWAY (000)	171	2191	309	8	80	70	66	560	1308	1133	5693	4267	2086	1160	612	1167	734
COST OF STRUCTURE (000)	-	124	32	-	95	-	-	-	-	-	265	336	235	-	-	27	-
TIME OF IMPROVEMENT	1-5	1-5	1-5	1-5	16-20	1-5	1-5	1-5	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	11-15

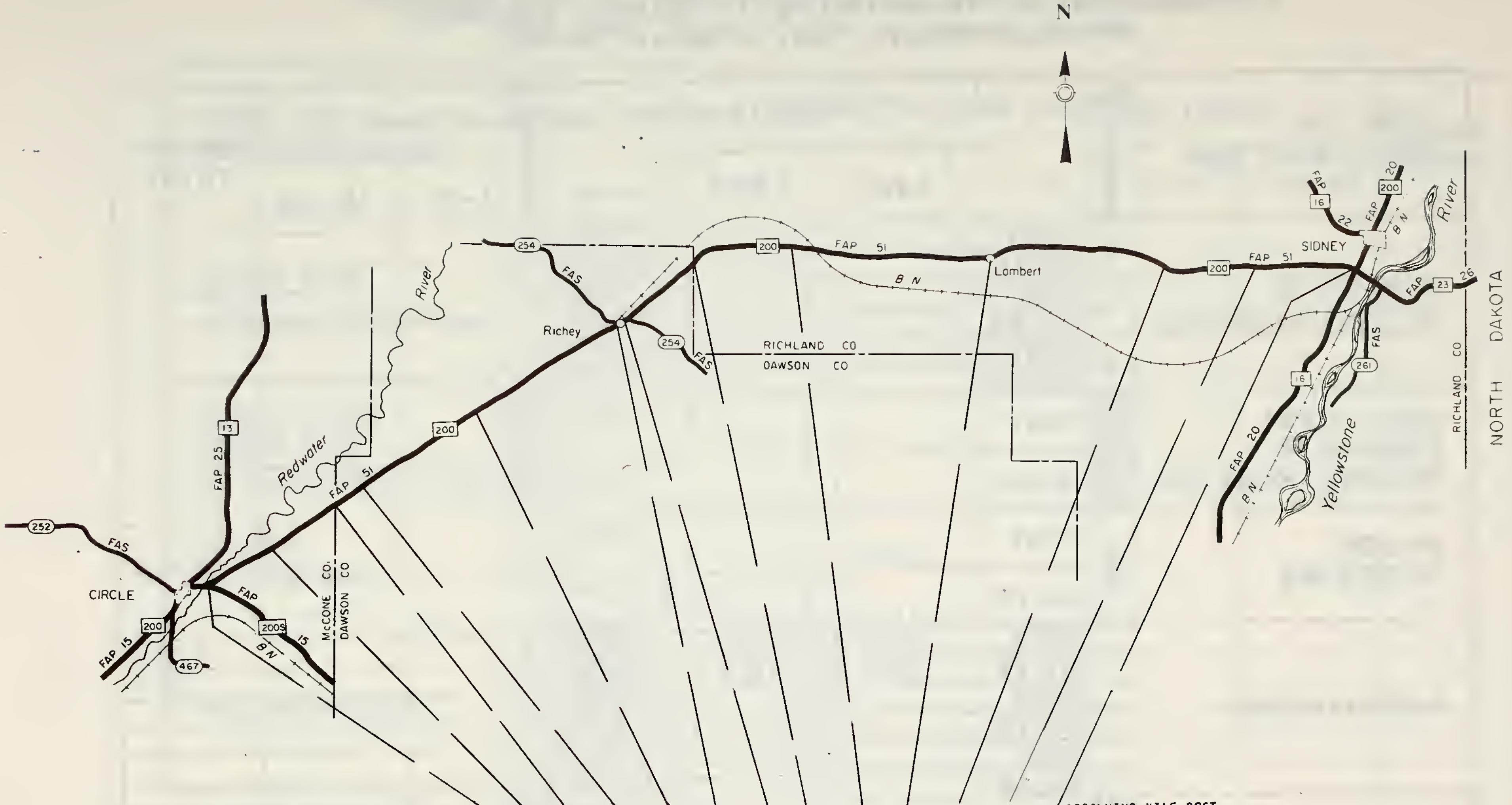
FAP ROUTE 50
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 50
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	2,821					2,821
		MILES	9.6					9.6
	3	COST						
		MILES						
	4	COST	14,985	2,500				17,485
		MILES	38.1	8.1				46.2
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	17,806	2,500				20,306
		MILES	47.7	8.1				55.8
MAJOR WIDENING	2W	COST	2,441					2,441
		MILES	16.7					16.7
RESURFACING	2	COST		696	80			776
		MILES		20.4	1.9			22.3
	3	COST						
		MILES						
	4	COST		8				8
		MILES		.1				.1
SUB-TOTAL RESURFACING		COST		704	80			784
		MILES		20.5	1.9			22.4
TOTAL ROADWAY		COST	20,247	3,204	80			23,531
		MILES	64.4	28.6	1.9			94.9
STRUCTURES	2	COST			95			95
	4	COST	863	156				1,019
TOTAL STRUCTURES		COST	863	156	95			1,114
GRAND TOTAL		COST	21,110	3,360	175			24,645
		MILES	64.4	28.6	1.9			94.9

URBAN F.A. PRIMARY ROUTE 50
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST				734		734
		MILES				2.5		2.5
SUB-TOTAL COMPLETE RECONSTRUCTION		COST				734		734
		MILES				2.5		2.5
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST		171				171
		MILES		0.5				0.5
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST		171				171
		MILES		0.5				0.5
TOTAL ROADWAY		COST		171		734		905
		MILES		0.5		2.5		3.0
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST		171		734		905
		MILES		0.5		2.5		3.0



BEGINNING MILE POST	0.0	3.3	8.3	9.0	18.7	27.2	27.5	32.5	38.4	49.2	59.9	64.3	BEGINNING MILE POST
LENGTH	3.3	5.0	0.7	9.6	8.4	0.3	5.0	5.8	10.7	10.6	4.4	6.7	LENGTH
YEAR BUILT	60	60	60	59	59	U	58	58	57	56	55	55	YEAR BUILT
YEAR IMPROVED	61	61	61	59	59	R	58	58	57	56	55	55	YEAR IMPROVED
SURFACE WIDTH	30	30	30	28	28	B	28	28	26	25	25	25	SURFACE WIDTH
ROADWAY WIDTH	30	30	30	28	28	A	32	32	30	25	25	25	ROADWAY WIDTH
SURFACE TYPE	PMS	PMS	PMS	PMS	PMS	N	BST	BST	BST	BST	BST	BST	SURFACE TYPE
ADT	297	230	188	174	173		224	190	204	293	349	522	ADT
DHV	41	32	26	24	24		31	26	28	41	48	73	DHV
SERVICE VOLUME	655	463	702	371	342		580	428	565	400	377	508	SERVICE VOLUME
FOUNDATION - 10	8	8	9	4	4		5	4	0	0	4	3	FOUNDATION - 10
SURFACE - 30	25	24	25	17	20		18	16	12	15	18	17	SURFACE - 30
DRAINAGE - 10	10	10	10	10	10		10	10	10	10	10	10	DRAINAGE - 10
SAFETY - 20	3	4	20	3	3		8	3	6	4	4	20	SAFETY - 20
CAPACITY - 30	29	29	29	29	29		29	29	29	28	28	28	CAPACITY - 30
SUFFICIENCY RATING	75	75	93	63	66		70	62	57	57	64	78	SUFFICIENCY RATING
ADJUSTED RATING	81	82	96	74	77		78	72	67	65	70	80	ADJUSTED RATING
DEFICIENT MILEAGE	.83	1.25	.05	3.57	2.87		1.51	2.21	4.63	4.57	1.59	1.48	DEFICIENT MILEAGE
PROPOSED IMPROVEMENT	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	2W	2W	PROPOSED IMPROVEMENT
COST OF ROADWAY (000)	142	215	30	413	228	8	135	224	393	285	405	629	COST OF ROADWAY (000)
COST OF STRUCTURE (000)	-	-	-	-	-	-	-	-	-	-	-	-	COST OF STRUCTURE (000)
TIME OF IMPROVEMENT	1-5	1-5	1-5	1-5	6-10	1-5	NOW	NOW	NOW	NOW	NOW	NOW	TIME OF IMPROVEMENT

FAP ROUTE 51
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 51
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

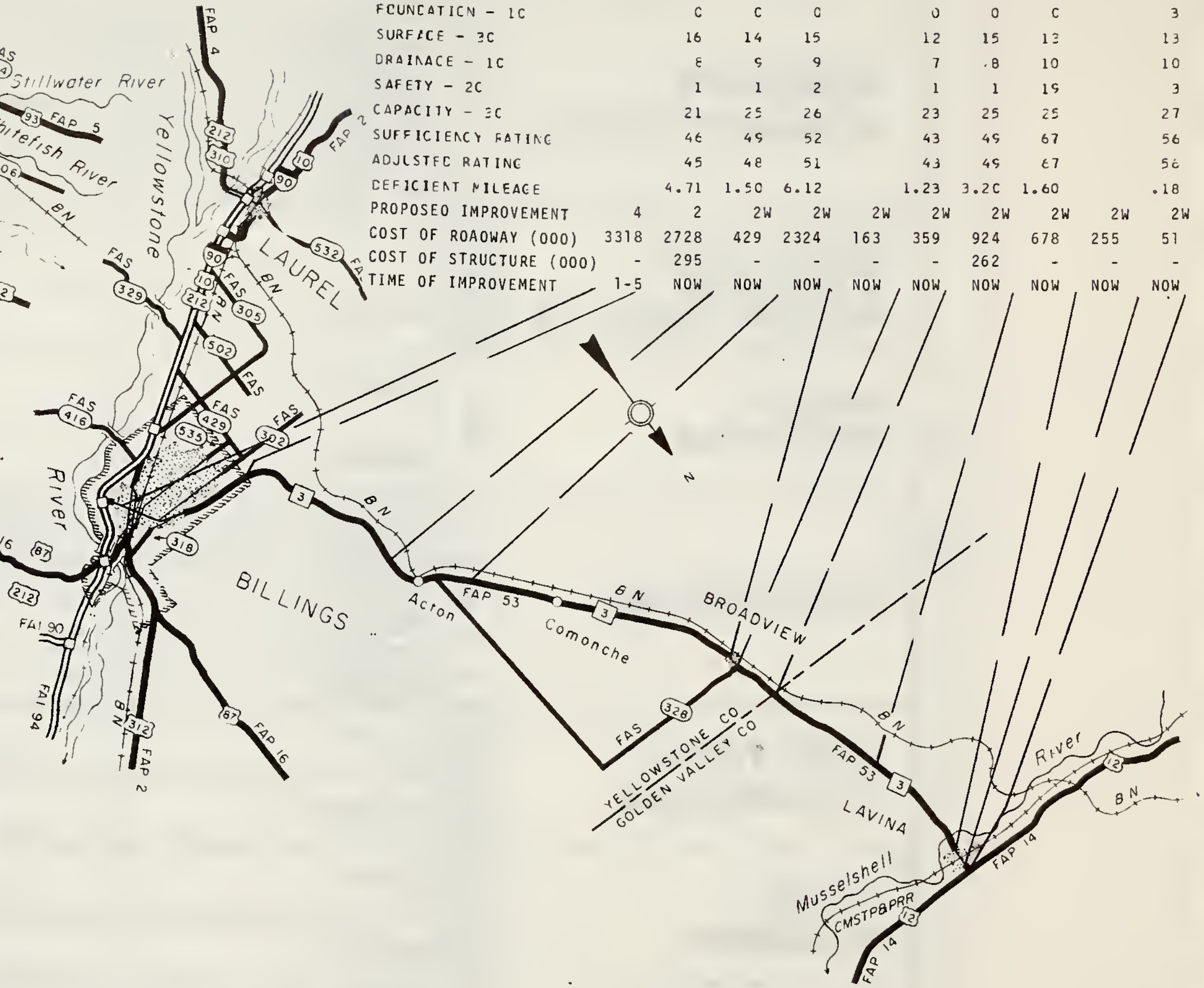
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST						
		MILES						
MAJOR WIDENING	2 W	COST	1,034					1,034
		MILES	11.1					11.1
RESURFACING	2	COST	1,037	800	228			2,065
		MILES	32.1	18.6	8.4			59.1
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST	1,037	800	228			2,065
		MILES	32.1	18.6	8.4			59.1
TOTAL ROADWAY		COST	2,071	800	228			3,099
		MILES	43.2	18.6	8.4			70.2
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	2,071	800	228			3,099
		MILES	43.2	18.6	8.4			70.2

URBAN F.A. PRIMARY ROUTE 51

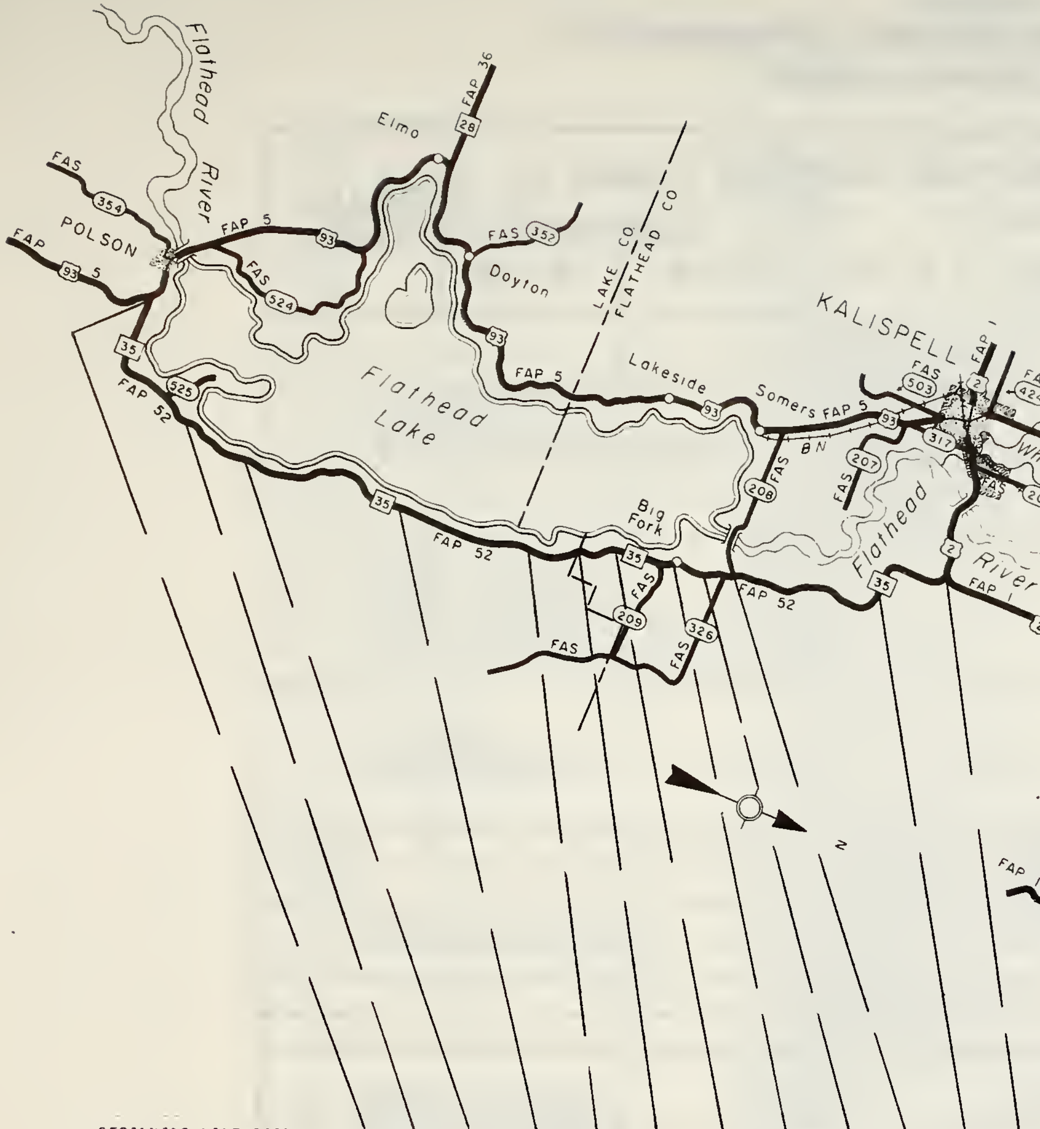
Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST						
		MILES						
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST		8				8
		MILES		0.3				0.3
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST		8				8
		MILES		0.3				0.3
TOTAL ROADWAY	▨	COST		8				8
		MILES		0.3				0.3
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST		8				8
		MILES		0.3				0.3



BEGINNING MILE POST	1.3	7.1	15.9	18.8	31.5	32.0	34.2	40.5	45.4	46.2
LENGTH	5.8	8.7	2.9	12.7	0.4	2.1	6.2	4.8	0.8	0.4
YEAR BUILT	U	48	48	48	L	48	48	56	L	56
YEAR IMPROVED	R	48	48	48	R	48	48	56	R	56
SURFACE WIDTH	B	20	20	20	B	20	24	30	B	30
ROADWAY WIDTH	A	24	24	24	A	24	28	30	A	30
SURFACE TYPE	N	RMS	RMS	RMS	N	RMS	BST	BST	N	BST
ADT		977	972	928		837	871	914		856
DHV		127	126	120		108	113	118		111
SERVICE VOLUME		201	400	400		239	327	391		612
FOUNDATION - 10		0	0	0		0	0	0		3
SURFACE - 30		16	14	15		12	15	13		13
DRAINAGE - 10		8	9	9		7	8	10		10
SAFETY - 20		1	1	2		1	1	19		3
CAPACITY - 30		21	25	26		23	25	25		27
SUFFICIENCY RATING		46	49	52		43	49	67		56
ADJUSTED RATING		45	48	51		43	49	67		56
DEFICIENT MILEAGE		4.71	1.50	6.12		1.23	3.20	1.60		.18
PROPOSED IMPROVEMENT	4	2	2W	2W	2W	2W	2W	2W	2W	2W
COST OF ROADWAY (000)	3318	2728	429	2324	163	359	924	678	255	51
COST OF STRUCTURE (000)	-	295	-	-	-	-	262	-	-	-
TIME OF IMPROVEMENT	1-5	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW



BEGINNING MILE POST	0.0	7.1	10.3	18.0	23.6	26.2	28.2	30.2	32.2	33.9	41.5
LENGTH	7.1	3.2	7.6	5.5	2.6	1.9	2.0	1.9	1.6	7.6	3.9
YEAR BUILT	40	47	48	37	36	36	36	56	22	34	34
YEAR IMPROVED	50	47	65	65	60	59	64	56	49	55	55
SURFACE WIDTH	21	24	24	24	24	24	24	24	24	22	22
ROADWAY WIDTH	24	24	25	24	25	24	24	28	24	24	24
SURFACE TYPE	BST	BST	RMS	RMS	RMS	RMS	RMS	RMS	RMS	RMS	RMS
ADT	1824	1396	1248	1394	1540	1694	1766	2082	2329	1366	1480
DHV	269	206	184	206	227	250	261	308	344	202	219
SERVICE VOLUME	184	187	468	301	431	174	187	177	431	390	390
FOUNDATION - 10	0	0	0	0	0	0	0	0	0	0	0
SURFACE - 30	13	13	14	13	11	13	13	14	12	11	13
DRAINAGE - 10	7	6	8	7	6	5	5	10	6	4	4
SAFETY - 20	1	1	3	1	6	7	2	4	2	1	2
CAPACITY - 30	8	13	24	20	22	8	9	4	18	22	22
SUFFICIENCY RATING	29	33	49	41	45	33	29	32	38	38	41
ADJUSTED RATING	24	30	46	38	41	29	25	26	31	35	37
DEFICIENT MILEAGE	5.06	2.15	3.90	3.29	1.46	1.33	1.42	1.34	1.04	4.73	2.34
PROPOSED IMPROVEMENT	2	2	2	2	2	2	2	4	4	2	2
COST OF ROADWAY (000)	2382	1073	2583	1208	906	747	669	1233	1050	2539	576
COST OF STRUCTURE (000)	-	-	-	-	-	-	-	198	-	157	-
TIME OF IMPROVEMENT	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW

FAP ROUTE NO 52 & 53
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 52
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	12,683					12,683
		MILES	41.4					41.4
	3	COST						
		MILES						
	4	COST	2,283					2,283
		MILES	3.5					3.5
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	14,966					14,966
		MILES	44.9					44.9
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	14,966					14,966
		MILES	44.9					44.9
STRUCTURES	2	COST	157					157
	4	COST	198					198
TOTAL STRUCTURES		COST	355					355
GRAND TOTAL		COST	15,321					15,321
		MILES	44.9					44.9

RURAL F.A. PRIMARY ROUTE 53
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

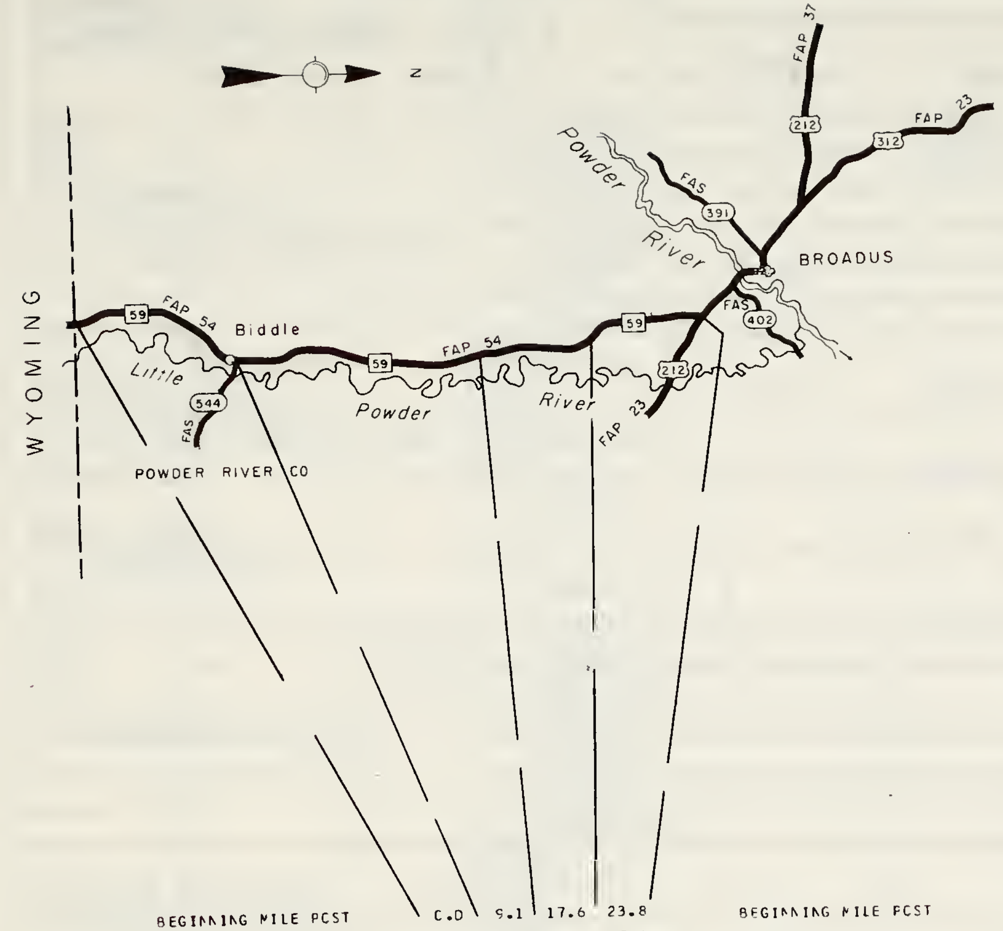
TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST	2,728					2,728
		MILES	8.7					8.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	2,728					2,728
		MILES	8.7					8.7
MAJOR WIDENING	2 W	COST	4,765					4,765
		MILES	29.1					29.1
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	7,493					7,493
		MILES	37.8					37.8
STRUCTURES	2	COST	557					557
	4	COST						
TOTAL STRUCTURES		COST	557					557
GRAND TOTAL		COST	8,050					8,050
		MILES	37.8					37.8

URBAN F.A. PRIMARY ROUTE 53

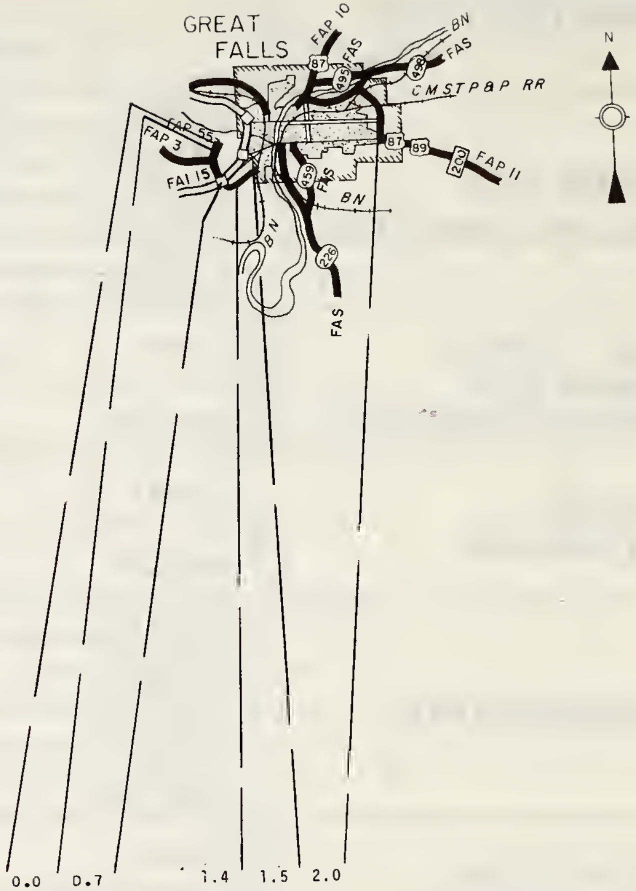
Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST		3,318				3,318
		MILES		5.8				5.8
SUB-TOTAL COMPLETE RECONSTRUCTION		COST		3,318				3,318
		MILES		5.8				5.8
MAJOR WIDENING	2 W	COST	418					418
		MILES	1.2					1.2
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	418	3,318				3,736
		MILES	1.2	5.8				7.0
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	418	3,318				3,736
		MILES	1.2	5.8				7.0



BEGINNING MILE POST	0.0	9.1	17.6	23.8
LENGTH	9.1	8.7	5.9	5.6
YEAR BUILT	59	68	U	48
YEAR IMPROVED	66	68	N	66
SURFACE WIDTH	24	30	D C	22
ROADWAY WIDTH	24	32	E O	22
SURFACE TYPE	BST	PMS	R N	BST
ADT	259	336	S	315
DHV	33	43	T	40
SERVICE VOLUME	289	470	R	284
FOUNDATION - 10	0	8	U	0
SURFACE - 30	13	26	C	4
DRAINAGE - 10	10	10	T	7
SAFETY - 20	2	20	I	1
CAPACITY - 30	28	29	O	28
SUFFICIENCY RATING	53	93	N	40
ADJUSTED RATING	62	94		47
DEFICIENT MILEAGE	4.28	.61		3.37
PROPOSED IMPROVEMENT	2W	SURF		2
COST OF ROADWAY (000)	591	374		874
COST OF STRUCTURE (000)	-	-		-
TIME OF IMPROVEMENT	NOW	11-15		NOW



BEGINNING MILE POST	0.0	0.7	1.4	1.5	2.0
LENGTH	0.7	0.7	0.1	0.5	6.8
YEAR BUILT	73	67	N	N	U
YEAR IMPROVED	73	67	O	O	R
SURFACE WIDTH	32	32	N	N	B
ROADWAY WIDTH	32	32	E	E	A
SURFACE TYPE	PMS	PMS	X	X	N
ADT	3750	3750	I	I	
DHV	337	337	S	S	
SERVICE VOLUME	662	696	T	T	
FOUNDATION - 10	5	10	E	E	
SURFACE - 30	20	25	N	N	
DRAINAGE - 10	8	10	T	T	
SAFETY - 20	20	20			
CAPACITY - 30	22	23			
SUFFICIENCY RATING	75	88			
ADJUSTED RATING	67	83			
DEFICIENT MILEAGE	.18	.04			
PROPOSED IMPROVEMENT	2	2	4	4	4
COST OF ROADWAY (000)	342	525	87	435	6007
COST OF STRUCTURE (000)	-	-	-	-	3900
TIME OF IMPROVEMENT	1-5	16-20	NOW	NOW	NOW

FAP ROUTE NO 54 & 55
SHEET 1 OF 1

RURAL F.A. PRIMARY ROUTE 54

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST	874					874
		MILES	5.6					5.6
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL COMPLETE RECONSTRUCTION	▨	COST	874					874
		MILES	5.6					5.6
MAJOR WIDENING	2 W	COST	591					591
		MILES	9.1					9.1
RESURFACING	2	COST				374		374
		MILES				8.7		8.7
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING	▨	COST				374		374
		MILES				8.7		8.7
TOTAL ROADWAY	▨	COST	1,465			374		1,839
		MILES	14.7			8.7		23.4
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES	▨	COST						
GRAND TOTAL	▨	COST	1,465			374		1,839
		MILES	14.7			8.7		23.4

RURAL F.A. PRIMARY ROUTE 55
Estimated Cost of Reconstructing to Present Standards
1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1-5	6-10	11-15	16-20	
COMPLETE RECONSTRUCTION	2	COST		342			525	867
		MILES		0.7			0.7	1.4
	3	COST						
		MILES						
	4	COST	522					522
		MILES	0.6					0.6
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	522	342			525	1,389
		MILES	0.6	0.7			0.7	2.0
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	522	342			525	1,389
		MILES	0.6	0.7			0.7	2.0
STRUCTURES	2	COST						
	4	COST						
TOTAL STRUCTURES		COST						
GRAND TOTAL		COST	522	342			525	1,389
		MILES	0.6	0.7			0.7	2.0

URBAN F.A. PRIMARY ROUTE 55

Estimated Cost of Reconstructing to Present Standards

1973 Unit Prices - Cost to nearest $1000

TYPE OF CONSTRUCTION	No. LANES		CONSTRUCTION SCHEDULE (Years)					GRAND TOTAL
			NOW	1 - 5	6 - 10	11 - 15	16 - 20	
COMPLETE RECONSTRUCTION	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST	6,007					6,007
		MILES	6.8					6.8
SUB-TOTAL COMPLETE RECONSTRUCTION		COST	6,007					6,007
		MILES	6.8					6.8
MAJOR WIDENING	2 W	COST						
		MILES						
RESURFACING	2	COST						
		MILES						
	3	COST						
		MILES						
	4	COST						
		MILES						
SUB-TOTAL RESURFACING		COST						
		MILES						
TOTAL ROADWAY		COST	6,007					6,007
		MILES	6.8					6.8
STRUCTURES	2	COST						
	4	COST	3,900					3,900
TOTAL STRUCTURES		COST	3,900					3,900
GRAND TOTAL		COST	9,907					9,907
		MILES	6.8					6.8